

19990924.qrp v01_n588.qrl.990924

Date: Fri, 24 Sep 1999 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1588

QRP-L Digest 1588

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- 3) [51132] Non QRP: GPS for sale
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by jmbrown@edge.net (JERRY BROWN)
- 15) [51144] FS: ARRL Morse Tapes
by "Dave Fifield" <fifield@pacbell.net>
- 16) [51145] newbie question band selection
by Michael Bower <bowerm@ix.netcom.com>
- 17) [51146] WTB..smite
by K4NK@aol.com
- 18) [51147] Re: EZ Hang
by "Alan Fryer" <n3bj@hotmail.com>
- 19) [51148] Re: newbie question band selection

- by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 20) [51149] Re: newbie question band selection
by "John J. McDonough" <jjmcd@tm.net>
- 21) [51150] Re: 1:1 SWR
by "Nick Kennedy" <nkennedy@cswnet.com>
- 22) [51151] Plaudits for BIRD
by wj5o@juno.com
- 23) [51152] TEST
by wj5o@juno.com
- 24) [51153] Antenna modelling - NEC Win Basic
by n5ib@juno.com
- 25) [51154] Whence QRPTTF '99 results?
by Joe Gervais <vole@primenet.com>
- 26) [51155] RE: HELP--Info on "Front End Saver"
by "Ed Tanton" <n4xy@att.net>
- 27) [51156] RE: HELP--Info on "Front End Saver"
by "Ed Tanton" <n4xy@att.net>
- 28) [51157] QRP Contesting This Weekend
by Ken Newman <N2CQ@citnet.com>
- 29) [51158] Re: EZ Hang
by Roger Hightower <n7kt@earthlink.net>
- 30) [51159] Re: newbie question band selection
by Bob Patten <n4bp@bc.seflin.org>
- 31) [51160] Streamed Video and Audio of QRP Events
by "Randy Jouett" <rules@bellsouth.net>
- 32) [51161] Re: DCTL ANTENNA
by Thomas Kuehl <ac7a@uswest.net>
- 33) [51162] Central Kiribati- T31 DXpedition
by charles k brown <n4so@juno.com>
- 34) [51163] Re: newbie question band selection
by Bob Patten <n4bp@bc.seflin.org>
- 35) [51164] RE: QRP-A-yard
by aweiss@usd.edu (Ade Weiss WØRSP)
- 36) [51165]
by "Greg Heath" <gheath1@nycap.rr.com>
- 37) [51166] DCTL ANT-INITIAL REPORT
by ARDUJENSKI@aol.com
- 38) [51167] 1922 QST REGEN ARTICLE
by chuck.olson@sbaonline.gov
- 39) [51168] Coax as twin feeders : Thanks for responses
by WB9MII@aol.com
- 40) [51169] Re: newbie question band selection
by "Al Gritzmacher" <ae2t@arrl.net>
- 41) [51170] Re: 1:1 SWR
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 42) [51171] Re: Streamed Video and Audio of QRP Events
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 43) [51172] Re: 1:1 SWR

by Bill B Lazure <n2tpa@juno.com>
44) [51173] Wanted:MFJ-941B Tuner
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
45) [51174] WTB:MFJ-941D Tuner
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
46) [51175] Tube QRP Kits
by charles k brown <n4so@juno.com>
47) [51176] Re: QRZ Web Listing of Callsigns
by Robert McConnell <rmcconne@lightlink.com>
48) [51177] Re: open circuit battery voltage
by Karl.Kanalz@optelinc.com
49) [51178] FS Kenwood 520S & VFO
by Duane Alles <w9zm@yahoo.com>
50) [51179] Re: [Tube QRP Kits]
by Michael Fletcher <kl7ixi@usa.net>
51) [51180] Re: Tube QRP Kits
by "Frederick R. Ramont" <fredr@95net.com>
52) [51181] Re: Fw: REALLY RESTRICTED ANTENNAS
by Ab5wx@aol.com
53) [51182] My turn again
by Brian Murrey <brian@iquest.net>
54) [51183] Ade Yor're Right, Life is Too short to Miss the QRP Fun
by Sam Billingsley <SBillingsley@usaninc.com>
55) [51184] CLIFFDWELLERS--- CONDO/APT ANTENNAS
by "Greg Heath" <gheath1@nycap.rr.com>
56) [51185] Tuna Tin 2/ARRLWeb Extra
by charles k brown <n4so@juno.com>
57) [51186] Re: My turn again
by "Mike Yetsko" <myetsko@insydesw.com>
58) [51187]
by Tayloe Dan-P26412 <Dan_Tayloe-P26412@email.mot.com>
59) [51188] Re: My turn again
by "George T. Baker" <w5yr@swbell.net>
60) [51189] Fw: Re: DCTL ANTENNA
by william h ross <k6mgo@juno.com>
61) [51190] Re: Fw: Re: DCTL ANTENNA
by GElam30092@aol.com
62) [51191] Re: My turn again
by "Charlie Fitts" <cfitts@neca.com>
63) [51192] Re: Two coax balanced shielded feeder
by Drbob92031@aol.com
64) [51193] [RE]"Front End Saver"
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
65) [51194] TT2/MRX Builiding/Operating Event at Pacificon
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
66) [51195] Re: 1:1 SWR
by "Nick Kennedy" <nkennedy@cswnet.com>
67) [51196] Re: My turn again

- by "Cla KA0GKC" <ka0gkc@arrl.net>
- 68) [51197] TenTec Scout FS
by Jim Fielden <fielden@utkux.utcc.utk.edu>
- 69) [51198] RE: DCTL Antenna URL
by "Jerry Bartachek" <jbartac@max.state.ia.us>
- 70) [51199] Re: Two coax balanced shielded feeder
by "Hugo Catta" <h.catta@worldnet.att.net>
- 71) [51200] KI6DS builds and tests St. Louis Doublet inspired antenna
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 72) [51201] NJQRP presentation at SJRA hamfest
by n2cx@voicenet.com
- 73) [51202] Re: KI6DS builds and tests St. Louis Doublet inspired antenna
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 74) [51203] Restricted Antennas
by w2xn@juno.com
- 75) [51204] K2 DX; Freq. Accuracy.
by Ed Loranger <we6w@qsl.net>
- 76) [51205] Re: 2N2/40 VFO
by PDouglas12@aol.com
- 77) [51206] 1:1 SWR/ db losses
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 78) [51207] Eating Crow?
by Bruce Muscolino <w6toy@erols.com>
- 79) [51208] HF sig gen/ QRPp xmiter
by "Steven Weber" <kd1jv@moose.ncia.net>
- 80) [51209] Pixie
by "Perley Urquhart" <n1yuk@nemaine.com>
- 81) [51210] Re: 1:1 SWR
by ke4qok@att.net
- 82) [51211] TRADE
by KU4YP@aol.com
- 83) [51212] FS: Mirage MP-1 Wattmeter
by "Phinizy, William" <wphinizy@filenet.com>
- 84) [51213] handkey pins still accepting orders
by "Scott Howell" <n3byy@yahoo.com>
- 85) [51214] please forgive bw
by "Scott Howell" <n3byy@yahoo.com>
- 86) [51215] Re: KI6DS builds and tests St. Louis Doublet inspired antenna
by Chris Cartwright Sr <ccart@phideaux.com>
- 87) [51216] Re: HF sig gen/ QRPp xmiter
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 88) [51217] More wall-wart cautions
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 89) [51218] Backpack Radio
by Jerry Haigwood <w5jh@swlink.net>
- 90) [51219] RE: DCTL Antenna URL
by Robert McConnell <rmcconne@lightlink.com>
- 91) [51220] Front End Saver

by charles k brown <n4so@juno.com>
92) [51221] Re: Front End Saver
by Russ Hines <radioruss@fuse.net>
93) [51222] EZ7ST - PIRATE
by Bill Rowlett <kc4atu@yahoo.com>
94) [51223] Re: HF sig gen/ QRPp xmiter
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
95) [51224] Re: HF sig gen/ QRPp xmiter
by "S. M. Whitehouse" <ke4yh@gte.net>
96) [51225] Re: DCTL Antenna URL
by "George T. Baker" <w5yr@swbell.net>
97) [51226] EZ Hang
by K2UD@aol.com
98) [51227] OT Thanks for Amiga help
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
99) [51228] Re: Also in QST...
by "Randy Jouett" <rules@bellsouth.net>
100) [51229] DSW-20
by N10DL@aol.com
101) [51230] FS: MFJ 9040
by "George Goodroe" <goodroe@worldnet.att.net>
102) [51231] Re: DSW-20
by GElam30092@aol.com
103) [51232] OT: Need Help w/ GPS for Sailors
by "Watson, Dan" <dan.watson@compaq.com>
104) [51233] Re: Fw: Re: DCTL ANTENNA
by mwattcpa@earthlink.net (Marty Watt)
105) [51234] Re: DCTL Antenna URL
by mwattcpa@earthlink.net (Marty Watt)

Date: Thu, 23 Sep 1999 18:48:05 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@LEHIGH.EDU
Subject: [51130] The Black Cat Tuna Tin 2 Event
Message-ID: <37EAAE25.5415@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARRL Hosts the QRP ARCI for a Black Cat Halloween Special Event

On October 30 and 31, 1999 the American Radio Relay League will host the QRP Amateur Radio Club International for a "Black Cat" QRP on-the-air party for all QRPers. For two days, W1AW/QRP will be on the air using the actual original Tuna Tin 2 transmitter designed and built by Doug DeMaw, W1FB! The "Black Cat" theme was chosen to tie the Tuna Tin 2 to

Halloween, for a night of ghostly fun that QRPers can talk about for years.

The Tuna Tin 2, so called because it used a common tuna fish tin for a chassis and two 2N2222 transistors was introduced to the world in May, 1976 in a QST feature article by Doug DeMaw. For many hams, it served both as their first QRP experience, and their first building experience.

Even though it disappeared under mysterious circumstances from the ARRL Lab, it was later rediscovered at a hamfest over 100 miles away from ARRL HQ. Rescued from an ingominious end under that hamfest table by Ed Hare, W1RFI, a well-known QRP'er who works in the ARRL Lab, it was restored to full operation in June of 1999 by Bruce Muscolino W6TOY/3. It is still in use today! Over this summer, it has had a short but exciting career, on the air from W1AW and W1RFI, travelling to various distant locations and hamfests to let others see the "real deal!" Now it comes home to rest up for this fall's operating event.

The original Tuna Tin 2 operation will be on 40 meters for the entire period. Late night operation will be directed toward working as many DX stations as can be heard! (QRP DX includes many parts of the United States as well as overseas hams.) You don't have to be using QRP to work the Tuna Tin 2, just listen around 7040 kHz for W1AW/QRP and give us a call! Additional Tuna Tin 2 replicas will be operating on 10.106 and 14.060 MHz, to give all the best chance to participate in this QRP extravaganza.

Certificates and special QSL cards will be issued to commemorate this ARRL/ARCI special event. Hams are welcome to stop by W1AW over the event weekend to see the original Tuna Tin 2. Operating time may be limited, but those who wish to operate the original Tuna Tin 2 should be able to make few contacts. Please set aside some time Halloween weekend to work W1AW/QRP, and each other for a weekend of informal QRP fun! Contact Bruce Muscolino, W6TOY (w6toy@erols.com) or Ed Hare, W1RFI (w1rfi@arrl.org) for more details.

A special note. The Halloween weekend also hosts the NorCal Zombie Event. Ed Hare will have a special Zombie number and will be giving it out to any who ask! See you all at this historic event.

Date: Thu, 23 Sep 1999 19:25:57 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [51131] EZ Hang
Message-ID: <19990923.232403.6983.3.n4so@juno.com>

Sling shot and fishing reel for getting a wire antenna into a tree.

EZ Hang Inc.
8645 Tower Dr.,
Laurel, MD 20723
540-286-0176
www.ezhang.com

CQ mag. Oct. 1999, p. 60

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 23 Sep 1999 19:27:35 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [51132] Non QRP: GPS for sale
Message-ID: <199909232327.TAA13359@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Folks,

I have a new Magellan GPS 300 for sale. Somehow, I ended up with two units (a bit much for my needs). New, in box with manual and all documentation. Satellite time/date rollover compliant. Requires 2 AA batteries.

\$50.00 + \$3.20 Priority shipping to the 48 states.

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Thu, 23 Sep 1999 16:41:40 -0700 (PDT)

From: Christian Void <cvoid@netcom.com>
To: Joel Malman <malman@world.std.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51133] Re: Non QRP: GPS for sale
Message-ID: <Pine.3.89.9909231631.A22560-0100000@netcom13.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 23 Sep 1999, Joel Malman wrote:

> Folks,
>
> I have a new Magellan GPS 300 for sale. Somehow, I ended up with two
> units (a bit much for my needs). New, in box with manual and all
> documentation. Satellite time/date rollover compliant. Requires 2 AA
> batteries.
>
> \$50.00 + \$3.20 Priority shipping to the 48 states.
>

i'll take it!

Christian Void /T71 | "I don't like it, and I'm sorry I | V/M/Research, Inc.
cvoid@netcom.com | ever had anything to do with it." | P.O. Box 170213
Tel. 1+415-998-0774 | -Erwin Schrodinger (1887-1961) | SF, CA 94117-0213
* PGP v5.2.2 Public Key Available Via Finger *
<http://www.morphine.com/void/>

Date: Thu, 23 Sep 1999 16:45:10 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51134] Re: Non QRP: GPS for sale
Message-ID: <Pine.3.89.9909231631.A26160-0100000@netcom13.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 23 Sep 1999, Christian Void wrote:

> i'll take it!

i hate it when i do that. sorry for cc'ing the list... pine is now taking
a time out in the corner. :)

Christian Void /T71 | "I don't like it, and I'm sorry I | V/M/Research, Inc.
cvoid@netcom.com | ever had anything to do with it." | P.O. Box 170213
Tel. 1+415-998-0774 | -Erwin Schrodinger (1887-1961) | SF, CA 94117-0213
* PGP v5.2.2 Public Key Available Via Finger *
<http://www.morphine.com/void/>

Date: Thu, 23 Sep 1999 23:46:45 GMT
From: "Bill Todd" <zapzap73@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [51135] NOT QRP - Battlezone?
Message-ID: <19990923234645.10530.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi -

I hope the title scared away the "QRP Only Please" people. However, if you are reading this non-qrp post my mistake...feel free to delete now.

There -

Now that the rest of you are here (both of you...he he), I was wondering if anyone on the list happens to be a fan of the computer game called Battlezone.

If you are, send me a note, and let's discuss the game.

CUL- N7MFB/7

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 23 Sep 1999 19:47:53 -0400
From: Bob Edwards <w4ed@gis.net>
To: n4so@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [51136] Re: EZ Hang
Message-ID: <37EABC29.5F71553E@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

charles k brown N4SO wrote:

> (EZ Hang Inc.)
> Sling shot and fishing reel for getting a wire antenna into a tree.

Nice pix, nice idea, ok/stiff price.

But does it fold up or come a part for back-pack'n ??

	/
Bob 72/73	/
email, w4ed@amsat.org	/K2 \
http://www.qsl.net/w4ed	/ / 21 \
nr Atlanta, GA EM73wt	/_ /_ __ __\
~~~~~	[\-----/

-----  
Date: Thu, 23 Sep 1999 20:05:53 EDT  
From: K2UD@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51137] Re: EZ Hang  
Message-ID: <89e71e45.251c1a61@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

They want HOW MUCH for the EZ Hang? It can be built for much, much less.  
The article was in Monitoring Times a couple of years ago.

Want to save money, e-mail me and I'll search the library for the month and  
year of the original article.

Built one, know what it really costs. Hate to take business away, but c'mon,  
500% profit is like applying the petroleum jelly in a delicate location.

72

Howard Kraus, K2UD

-----  
Date: Fri, 24 Sep 1999 00:08:13 GMT  
From: "Richard Arland" <r_arland@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [51138] Re: QRP Afield Report- W1FMR  
Message-ID: <19990924000813.49953.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "David Benson" <nn1g@earthlink.net>  
>My girlfriend Margaret helped with the antennas and fed me  
>juices and pumpkin jelly crackers during that long operating ordeal. (Will  
>the veterans please tell me if it is like this after marriage?)

ABSOLUTELY NOT!!!

Rich  
K7SZ

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Fri, 24 Sep 1999 00:13:29 GMT  
From: "Bill Todd" <zapzap73@hotmail.com>  
To: r_arland@hotmail.com, qrp-1@Lehigh.EDU  
Subject: [51139] Re: QRP Afield Report- W1FMR  
Message-ID: <19990924001329.80684.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>>From: "David Benson" <nn1g@earthlink.net>  
>>My girlfriend Margaret helped with the antennas and fed me  
>>juices and pumpkin jelly crackers during that long operating ordeal. (Will  
>>the veterans please tell me if it is like this after marriage?)  
>  
>ABSOLUTELY NOT!!!  
>  
>  
>Rich  
>K7SZ

David -  
The magic of marriage surpasses all of your wildest  
expectations.....  
.....and  
your fears (ha ha).

Bill-N7MFB/7

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Thu, 23 Sep 1999 17:26:33 -0700  
From: Bob Hightower <ki7mn@extremezone.com>  
To: n4so@juno.com  
Cc: qrp-l@lehigh.edu  
Subject: [51140] Re: EZ Hang  
Message-ID: <199909240025.RAA24518@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:25 PM 9/23/99 -0400, you wrote:

>  
> Sling shot and fishing reel for getting a wire antenna  
> into a tree.  
>  
> EZ Hang Inc.  
> 8645 Tower Dr,.  
> Laurel, MD 20723  
> 540-286-0176  
> <<http://www.ezhang.com/>>[www.ezhang.com](http://www.ezhang.com)  
>  
> CQ mag. Oct. 1999, p. 60

Looks an awful lot like the Sooper Shooter that's been on my page for about  
two  
years, now.  
<<http://www.extremezone.com/~ki7mn/sooper.htm>><http://www.extremezone.com/~ki7mn/sooper.htm>

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

-----  
Date: Fri, 24 Sep 1999 00:35:58 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: qrp-l@lehigh.edu  
Subject: [51141] FS: St. Louis Tuner  
Message-ID: <37eabb1b.78425040@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

St. Louis Tuner, fully assembled (Dk. Blue case, Lt. Blue face and rear

plates). Also will include an "undrilled" Wilderness Sierra case (no silkscreen or drilling), if you like, so you can put the "guts" of the = tuner

into a case to match your Sierra or other similar rig.

\$90 plus shipping by your method.

--

Marty, N5NW

-----  
Memphis, Tennessee

<http://home.earthlink.net/~mwattcpa>

-----  
Date: Thu, 23 Sep 1999 17:45:02 -0400

From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>

To: "qrp-L" <qrp-l@LeHigh.edu>

Subject: [51142] RE: Two coax balanced shielded feeder

Message-ID: <000301bf0625\$a2a76820\$04000a0a@default>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

YES... it works, and it WORKS VERY WELL INDEED...

For QRP powers any good quality coaxial cable will do..

BUT BEWARE... for QRO, foam dielectric cables may act up, as they are NOT RATED for high voltages.

Polyethilene dielectric ( solid ) cables do stand a lot of voltage ( I use RG8 as my HT cable for the QRO linear.... OH Gosh, I shouldn't make this know here... ( anyway, I have an SP from QRP-L GURUS to use QRO if needed during HURRICANES.. , only during the HURRICANES) rest of the time linear is just laid dormant ... OK ... no flames ? )

Well back to the pararell dual coax line...

2 X 75 ohms cables gives you a nice 150 ohm line.

Losses are not that high, although they are definetely higher than with open wire, as to be expected.

At the antenna end... braids are connected together, cable is protected properly against humidity etc, and braids are left floating.

At the TUNER END... braids are connected to station ground... you can try DIRECT CONNECTION, or via

a 100 ohm 2 watt resistor as a GURU advised to do...  
Length of cable does not seem to be particularly  
critical...

Wide band fan type dipole matches perfectly using  
this line, which enters the shack nicely, and  
does not seem to radiate, according to tests done  
with probe along the two cables...

MY 0.02 worth

72 and hope conditions improve soon

Arnie Coro C02KK

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

-----  
Date: Thu, 23 Sep 1999 19:44:13 -0500

From: jmbrown@edge.net (JERRY BROWN)

To: <nn1g@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [51143] Re: DSW 40 up and running

Message-ID: <002301bf0625\$ec9d9490\$7169cfd8@brown>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>

> You're correct- there's no drive adjustment on the DSW series- I ran out  
of

> room! Your reading of 1.25 watts output seems a bit low- it sounds like  
the

> PA gain is on the low end of the distribution- without specific voltage

> readings it's tough to troubleshoot from afar. As an expedient fix, I can

> suggest paralleling the existing R20 (51 ohms) with a value in the range  
of

> 100 to 220 ohms. This increases the voltage gain in the predriver (Q5)

> stage. Let me know if that doesn't do the trick and we'll replace the PA

> device.

>

> 73- Dave

Dave,

Got 4 pin header and PA xsistor yesterday...thanks...

Regarding the power reading above. My WM-1 reads a bit low on the 10 watt scale. 1.3 watts output on WM-1 from DSW-20 was actually 1.95 watts when computed from V p-p from calibrated scope (13.8 v supply). Similarly, 1 watt output on WM-1 was actually 1.5 watts from gel cell supply.

I haven't checked the calibration of my WM-1 in a while. Guess I need to.

Jerry  
N4EO

-----  
Date: Thu, 23 Sep 1999 17:46:32 -0700  
From: "Dave Fifield" <fifield@pacbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51144] FS: ARRL Morse Tapes  
Message-ID: <002901bf0626\$3ffe0840\$0100a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale:

Set of 4 ARRL "Increasing your code speed"  
(2 cassette tapes per box with cheat sheet - 8 tapes in all):

5 to 10 wpm  
10 to 15 wpm  
13 to 14 wpm  
15 to 22 wpm.

Like new. \$20 the set, shipped (conus)

Dave Fifield, AD6A

-----  
Date: Thu, 23 Sep 1999 21:04:19 -0400  
From: Michael Bower <bowerm@ix.netcom.com>

To: qrp-l <qrp-l@lehigh.edu>  
Subject: [51145] newbie question band selection  
Message-ID: <37EACE13.BAE64F89@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Seeing that I am just getting back into this fun hobby, can somebody tell me the reasoning behind picking one band over another. I'm talking about the monobander rigs, not the multi-banders. If I'm picking a radio, why would I choose one band over another?

(Of course, the best solution is to have either a multi-bander or to have a rig (or two or three) for each band. Can anybody explain that to you wife so she'll agree???)

Michael - N4NMR

-----  
Date: Thu, 23 Sep 1999 21:34:35 EDT  
From: K4NK@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51146] WTB..smite  
Message-ID: <ee47c8b7.251c2f2b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

There must be at least one Knightlite Smite kit left in QRP land. If you have one and don't know when you will ever build it, consider selling it to me and let me do justice to it. Thanks to all.

72 Les K4NK

-----  
Date: Thu, 23 Sep 1999 18:38:26 PDT  
From: "Alan Fryer" <n3bj@hotmail.com>  
To: w4ed@gis.net  
Cc: qrp-l@lehigh.edu  
Subject: [51147] Re: EZ Hang  
Message-ID: <19990924013827.11942.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Stiff price because cheap reels don't work. I should know, I've tried...does not fold, but you could probably wear it like a pair of antlers



in the woods...

Alan, N3BJ

-----Original Message Follows-----

From: Bob Edwards <w4ed@gis.net>

Reply-To: w4ed@gis.net

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: Re: EZ Hang

Date: Thu, 23 Sep 1999 19:47:53 -0400

charles k brown N4S0 wrote:

> (EZ Hang Inc.)

> Sling shot and fishing reel for getting a wire antenna into a tree.

Nice pix, nice idea, ok/stiff price.

But does it fold up or come a part for back-pack'n ??

```

                                /|
                                / |
      Bob    72/73
      email, w4ed@amsat.org      | /K2|\
      http://www.qsl.net/w4ed    /| / 21| \
      nr Atlanta, GA    EM73wt  /_||_ _||_ _\
~~~~~[\-----/
```

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Thu, 23 Sep 1999 20:46:30 -0500

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: bowerm@ix.netcom.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [51148] Re: newbie question band selection

Message-ID: <00fc01bf062e\$a05a54c0\$fc37a497@aa5tb>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

G3YCC has gathered up many responses for this and related threads at the following site:

[http://www.karoo.co.uk/g3ycc/faq_ind.html](http://www.karoo.co.uk/g3ycc/faq_ind.html)

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

-----  
Date: Thu, 23 Sep 1999 21:51:59 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [51149] Re: newbie question band selection  
Message-ID: <00b401bf062f\$75f540e0\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm sure everyone will give you a different answer but here goes:

160 - pretty much a winter nights only band. Power matters so QRP contacts are challenging. Generally short range. With higher power, fairly long paths are possible, but very unusual with QRP.

80 - as the spots peak, 80 is looking more and more like 160. However, the noise level is lower, and that has led to most of the local and regional nets being on 80. It's basically a nighttime band untill the spots recede.

40 - back in the sunspot low, 40 was a good all around band. Power still matters, but nowhere like on 80. Lots of activity and QRM from Europe. Short range communication is generally not possible but DX is, although it's not too common with low power. 40 generally isn't open in the daytime anymore, especially during the summer.

20 - Really good band for QRP with the flux high. Generally open 24 hours, tho in the late evening the skip tends to be quite long. Power isn't much of an issue on 20, although it can help with grayline and over the pole paths. As winter comes, 20 will probably begin to shut down at night. When the spots go away, 20 will be shut down more and more often.

15 - More of the same - open less frequently than 20, but power is less of an issue, noise is lower, DX is better.

10 - Even more. 10 is rarely open, but when it is, it's not a problem to work the world with a watt. 10 is rarely open at night, and as winter approaches, daytime openings will be less frequent. 10 is also susceptible to sporadic E openings which can cause startlingly clear 1500km paths for breif periods of time. Es is associated with thunderstorms, and when there are t-storms 700km away and the flux is over about 150 you can almost

guarantee Es paths.

So the 'best band' for you depends on when you operate and what you want to do. If your interest is traffic nets, then probably 80 is your choice. If you want DX, you may choose 20. If you only operate in the afternoon, you may want to try to catch rare DX on 10 or 15.

Personally, I probably operate 80% or better on 20 with most of the rest on 40. But over half my countries are on 10, and most of the rest on 15.

Even tho I don't personally care much for the band, with the winter foxhunts coming up, a 40 meter radio might be a pretty high priority, and once the spots go away, it will become the best all around band for QRP.

Hope this helps

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Michael Bower <bowerm@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Thursday, September 23, 1999 9:11 PM  
Subject: newbie question band selection

>Seeing that I am just getting back into this fun hobby, can somebody  
>tell me the reasoning behind picking one band over another. I'm talking  
>about the monobander rigs, not the multi-banders. If I'm picking a  
>radio, why would I choose one band over another?

>

>(Of course, the best solution is to have either a multi-bander or to  
>have a rig (or two or three) for each band. Can anybody explain that to  
>you wife so she'll agree???)

>

>Michael - N4NMR

-----  
Date: Thu, 23 Sep 1999 21:33:33 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [51150] Re: 1:1 SWR  
Message-ID: <006501bf0635\$464f51e0\$067054d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Dave Fifield <fifield@pacbell.net>

>I know the math says that it's not necessary to strive  
>for a 1:1 SWR all the time, but I still do....  
>

Boy, this one generates endless debates on rec.radio.amateur.antenna

The truth can be about anything you want, because there are so many variables.

High SWR systems have greater transmission line losses, assuming the same transmission line.

Losses can be low or negligible when ... the line is low loss and/or... the line is short and/or... the frequency is low.

High SWR doesn't make the line radiate. Imbalance does that. Still, high SWR antennas may have some pretty big voltage (and current) peaks ... may cause problems with rf feedback and get into your computer and everything else ... That's when I start swearing I'm going back to a resonant antenna and a matched (low SWR) line.

Also, the big idea isn't always to match the transmitter's output impedance to the transmission line's impedance. Even though the Maximum Power Transfer theorem says that's where you get ... you guessed it ... maximum power transfer. It also guarantees an efficiency of only 50%. Sometimes that's the design goal; sometimes it's not.

And ... tuners can sometimes have high losses. Usually (I suspect), they don't. Not when used with a properly designed real world antenna. But if you're loading a coat-hanger on 160, maybe most of your power is heating the tuner.

Sometimes when people say, "I can stand tuner losses at 100 watts but not at QRP", I get the impression they're thinking, "I can afford to lose 3 watts at 100 watts output, but I can't afford those 3 watts at QRP levels." Keep in mind it's proportional. If you lose 3 at 100 watts (3%), you'll lose 0.15 (3%) at 5 watts.

But maybe they're saying, "I can afford to lose 50 watts of my 100 but I can't afford to lose 2.5 of my 5." I guess I'd agree with that one. Just

remember you're losing the same amount of dB or S-units or fractions of an S-unit, regardless of QRP or QRO.

And certainly, don't take the the SWR reading as the ultimate indicator of performance. I heard a guy say, "Man, that 80 meter dipole worked a lot better after it fell down! I had a 1:1 SWR all across the whole band." Yeah, if by "worked better" you mean, "displayed a low SWR reading." How many station did you work and what reports did you get while you were heating the dirt?

Remember that scam of black-box broadband antenna matching devices that gave a low SWR across the band with just about any antenna? They were swamped with resistors, so they have a low SWR pretty much independent of the antenna. Only problem was, you were using basically a dummy load with a little bit of power sneaking out to the antenna.

72 and may all your energy reach the F layer. Or is it the D?

Nick, WA5BDU

-----  
Date: Wed, 22 Sep 1999 14:24:13 cdt  
From: wj5o@juno.com  
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU  
Subject: [51151] Plaudits for BIRD  
Message-ID: <19990922.142415.-740703.0.WJ50@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi All,  
I want to say how great it is that a company will support a piece of test equipment that was manufactured 43 years ago.  
Mike O'Leary of the Bird Electronic Corp is sending Me a manual for the Bird Wattmeter Mod 6250 at no cost.  
Now that is TRUE support for the Electronic Technicians of the world and I say "Hats off to the Bird Electronic Corp" on behalf of Amateur Radio Operators everywhere.

73 Bill "Sparkling City by the Sea" WJ50/B 28.289MHz  
Corpus Christi, Texas

-----  
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-----  
Date: Thu, 23 Sep 1999 22:02:09 cdt  
From: wj5o@juno.com  
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU  
Subject: [51152] TEST  
Message-ID: <19990923.220210.-759131.0.WJ50@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

please delete  
Test to see if I still receive messages back that I sent.

73 Bill     "Sparkling City by the Sea"     WJ50/B   28.289MHz  
              Corpus Christi, Texas

-----  
Get the Internet just the way you want it.  
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-----  
Date: Thu, 23 Sep 1999 23:05:21 EDT  
From: n5ib@juno.com  
To: qrp-l@Lehigh.edu  
Subject: [51153] Antenna modelling - NEC Win Basic  
Message-ID: <19990923.215345.11863.0.N5IB@juno.com>

I'm just beginning to use NEC Win Basic. Trying out a few simple antenna structures to model, and am looking for a few folks with some experience with antenna modeling in general and this program in particular. If you'd be willing to field the occasional question (or anguished plea for help ...) drop me a reply (direct).

I've been busily reading most of L.B.'s tutorials on his web site. That's providing an excellent start.

73  
Jim N5IB

-----  
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-----  
Date: Thu, 23 Sep 1999 20:21:28 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [51154] Whence QRPTTF '99 results?  
Message-ID: <199909240321.UAA21310@usr08.primenet.com>

(Clears vines from cave entrance, blinks painfully at the  
Giant Yellow Orb(tm) floating high above as he emerges....)

Howdy Folks,

Figured I owed everyone a heads-up regarding QRPTTF '99  
results. Hopefully this weekend I'll be sending a list  
of callsigns/entries to QRP-L to see if I missed anyone,  
then I'll send the results to Doug/NorCal for QRPP and  
the website. Please note that this long delay is *NOT*  
anyone's fault other than mine, pure and simple.

Doug was able to find a replacement for me when I squeaked  
in pain early this summer, but the QRPTTF results are my  
last duty, and completely my responsibility. Meant to  
have it done by Ft. Tuthill, then mid-August, then....

I'm truly sending this out of the blue - nobody's been  
badgering me, everyone's just been waiting patiently.  
Feel terrible it's taken this long, and I *really* do  
appreciate your high tolerance levels for my chronic  
slipped schedules. Ironically as of tonight I appear  
to have strep(?) throat, so I should have plenty of  
downtime to finish things. :)

Taco Bell photo entries (and other pics) will be made  
available (Jerry, I can scan them myself if you wish),  
full write-up will be done.

Thanks again, and I really hope I can get my business to  
a point where I can try to serve the QRP community the  
way it should be done - which as best I can tell is the  
exact opposite of what I've been able to do since May.  
Doh!

Take care, be well. It's a short ride, smile often. ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

-----

Date: Thu, 23 Sep 1999 23:31:45 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51155] RE: HELP--Info on "Front End Saver"  
Message-ID: <NBBBJDEEIFDDANGEGHLBEEFEHAAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Drake makes (or used to make) what I think is an RP-7 ... it MIGHT be an RP-700... but if you give them a call, I'm sure they'll know what you mean-it's an RP-something. I am NOT certain if it is a current product.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Wilford D. Lindsey  
Sent: Thursday, September 23, 1999 5:52 PM  
To: Low Power Amateur Radio Discussion  
Subject: HELP--Info on "Front End Saver"

Dear Gang:

Sometime ago I saw in one of the ham journals a brief mention of a product called something like "Front End Saver". As I recall, this unit will sense RF like from a nearby transmitter and protect the sensitive front end of a receiver.

Can anyone help me with the name of the manufacturer? Thanks in advance for any assistance you can give :-).

72,

--Doc Lindsey/K0EVZ  
DSBF



PO BOX 6028  
Bismarck, ND 58506  
70511.3041@compuserve.com

-----  
Date: Thu, 23 Sep 1999 23:32:23 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [51156] RE: HELP--Info on "Front End Saver"  
Message-ID: <NBBBJDEEIFDDANGEGHLBIEFEHAAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry about repeating that last message-hit the SEND button too soon.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

70511.3041@compuserve.com

-----  
Date: Thu, 23 Sep 1999 23:34:40 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [51157] QRP Contesting This Weekend  
Message-ID: <3.0.6.32.19990923233440.008d7ce0@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

September 25-27, 1999

~~~~~  
CQWW RTTY DX Contest ... QRP QRM

Sep 25 - 0000z to Sep 26 - 2400z

Rules: <http://home.sol.no/~jana1me/htmlrules/cqrtty.html>

~~~~~  
Scandinavian Activity Contest (SSB) ... QRP Category

Sep 25 - 1500z to Sep 26 - 1800z

Rules: <http://home.sol.no/~jana1me/SAC.html>

~~~~~  
Fireball RUN II (CW) ***** QRPp Contest *****

Sept 25 - 0900 to 1200 LOCAL TIME

Rules: <http://www.njqrp.org/data/fbrun2.html>

~~~~~  
Alabama Heart of Dixie QSO Party (CW/SSB) ... QRP Category

Sept 26 - 1800z to Sept 27 - 0100z

Rules: <http://www.qsl.net/kt4xa/aqp/>

~~~~~  
October Calendar to follow.....

72 de  
Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~  
<http://www.njqrp.org/data/contesting.html>

~~~ NJ QRP Club Callsign ~~~  
WQ2RP

-----  
Date: Thu, 23 Sep 1999 21:06:19 +0000  
From: Roger Hightower <n7kt@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51158] Re: EZ Hang  
Message-ID: <37EA964B.BCFB9F79@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Check out Bob, KI7MN's page (<http://www.extremezone.com/~ki7mn>) for something easy and cheap....the soopershooter.

I think Bill, KD7S might have something on his page, too.

This is not a new idea, but it works really well.

--

73, de Roger, N7KT  
qrp-1 #62, NorCal #1099, Zombie #006  
Mesa, AZ 85202

-----  
Date: Fri, 24 Sep 1999 01:09:51 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: "John J. McDonough" <jjmcd@tm.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51159] Re: newbie question band selection  
Message-ID: <Pine.3.89.9909240111.A23921-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 23 Sep 1999, John J. McDonough wrote:

>

> 10 - Even more. 10 is rarely open, but when it is, it's not a problem to  
> work the world with a watt. 10 is rarely open at night, and as winter  
> approaches, daytime openings will be less frequent. 10 is also susceptible  
?^^^^?

Give 10M another week or two, and you'll be running Europeans in the mornings with five watts! Daytime openings will be consistant and this will easily be the BEST band for QRP! Europe in the morning, Africa in the early afternoon, Pacific in the late afternoon, and Japan and deep Russia toward our local sunset.

73,

Bob Patten, N4BP

, ' ' ' ,

( 0 0 )

Plantation, FL

o00o-( )-o00

-----  
E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

-----  
Date: Fri, 24 Sep 1999 00:07:46 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51160] Streamed Video and Audio of QRP Events  
Message-ID: <03bd01bf064b\$0befc500\$46e498cd@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My fellow QRP Addicts:

Was "Hmmm"ing this afternoon, and I was wondering if anyone out there in net/radio land has ever thought about videotaping a QRP get-together, setting up a web site, and streaming the entire shebang to the folks that can't attend? Maybe you could accept donations for doing this, and ship any profits to the club that put on the show? The person doing this could probably take in enough cash to pay for the trip, and that would be great for this person and those of us who won't be able to make it out there for an eyeball QSO.

Speaking for myself and probably thousands of others here on qrp-1, we'll never be able to attend because of work, location, finances, or previous obligations that we can't get away from. In my situation, I have to be around just in case some of my code on a production or drilling platform decides to crap out or I have to add something to the program "now" for a drilling engineer.

Anywho, this is just a thought, and I'd appreciate some feedback or flames. :^). Donning asbestos long-john underwear :^).

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Thu, 23 Sep 1999 22:13:15 -0700  
From: Thomas Kuehl <ac7a@uswest.net>  
To: ARDUJENSKI@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51161] Re: DCTL ANTENNA  
Message-ID: <37EB086A.D4F60C13@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Alan:

I have some direct and indirect experience with the DCTL antenna. The direct experience has to do with one I built for 20 meters and suspended from the ceiling of the shack. I had problems getting the antenna matched to 50 ohms using that small stub-line shown in the original CQ article. Eventually, I came up with a transformer and an impedance matching network combination that made it more cooperative.

One early observation is that the received signal levels were way down from my outdoor quarter-wave vertical. Regardless, if a station was quite strong I could usually work them with my QRO (80 watts or so).

The indirect experience is a bit more interesting. My close friend Jim, W7LM, had moved into a one-story apartment and had to conceal his antennas indoors. Like myself, Jim likes to operate 160 meters! Using the equations from the CQ article, we cut a DCTL and strung it up horizontally in the living room/dining room area, along the ceiling. The feedpoint was located at the entrance to a hall and a feedline was brought down the hall to the shack. Using the stub-line pruning called for in the CQ article, we were able to get a pretty good match to 50 Ohms on the low end of 160 meters.

Interestingly, this particular DCTL seemed to receive better than my 20 meter version (we both use Ten-Tec Transceivers with pretty comparable performance). Jim would often use the loop in the 160 meter CW contests, and although he had a pretty tough go of it, it wasn't unusual for him to work 50 or so stations. >From Tucson, I recall he worked stations as far away as Michigan and Ohio. That was done with a 100 watt output power.

The DCTL, like most small antennas, is a compromise antenna. It will be interesting to hear the results you get with yours. Keep us posted!

Best Regards, Thomas - AC7A

ARDUJENSKI@aol.com wrote:

> One of the feedback comments regarding RESTRICTED ANTENNAS was the DCTL or  
> Distributed Capacitance Twisted Loop. You can see the details at  
> <http://home.earthlink.net/%7Emwattcpa/antennas.html>.  
> It really sounds fascinating.  
>  
> I plan to try 40M and 80M this weekend and will pass on the results after a  
> week of testing. I would like any feedback from those of you that have used  
> one.  
> Alan KB7MBI

-----  
Date: Fri, 24 Sep 1999 01:16:11 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [51162] Central Kiribati- T31 DXpedition  
Message-ID: <19990924.051350.7327.5.n4so@juno.com>

0458Z Central Kiribati, T31  
T31T worked on 14.005 working split listening up 4 or 5 Khz. Used the  
RIT cranked to maximum.  
NorCal 20 at 5 watts and 4 el. beam.

(From ARRL DX News)  
CENTRAL KIRIBATI, T31. Members of the Double Trouble DXpedition are  
QRV until October 3 from Kanton Island, IOTA OC-043. T31T, T31K and  
T31YL are active on 160 to 6 meters using CW, SSB and RTTY. QSL  
T31K and T31T via SM6CAS, and T31YL via SM6WYM.

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 24 Sep 1999 01:23:06 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>

To: GElam30092@aol.com  
Cc: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [51163] Re: newbie question band selection  
Message-ID: <Pine.3.89.9909240101.C23921-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 24 Sep 1999 GElam30092@aol.com wrote:

>

> Speaking as a newbie..... "WOW"!!!!!!

>

You will be impressed! We're fast approaching the peak of solar cycle #23. I've been a ham through four sun spot cycles now. During the peaks of the last couple, I used to start a list of countries worked with QRP towards the end of September. It was fairly easy to work DXCC on 10M with five watts within a month. Unfortunately, many on the QRP-L list have not been through a solar cycle and have the false impression that 10M is always dead. Such is definitely NOT the case. Go get 'em!

73,

Bob Patten, N4BP

, ' ' ' ,

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

-----  
Date: Fri, 24 Sep 1999 00:26:44 -0500 (CDT)  
From: aweiss@usd.edu (Ade Weiss W0RSP)  
To: qrp-l@lehigh.edu  
Subject: [51164] RE: QRP-A-yard  
Message-ID: <199909240526.AAA27805@sunburst.usd.edu>

Hi gang:

I was hoping for good weather -- and boy did it come! Perfect sunny 80-deg by noon. At which time, certain parties around here noticed certain preparations taking place (not remotely related to scraping and sanding the north wall of the house) and queried me. To make a long story short, the impeccable logic of the certain party's comment -- "so, everyone who drives down N. Dakota St. for the next 9 months is going to see a bare wood north wall on our house, is THAT what you're telling me?????" -- sent me up the ladder to get it ready for a coat of paint before the snow flies.

As I grinded and choked in the dust, I got to thinking about QRPAfield and all the fun that I was missing. Then I got the idea -- I have to make this fun somehow and came up with the idea of a "vintage QRPAfield" using my old Viking 3X5 and the newly refurbished ( courtesy of a manual from Dan Shepherd N8IE -- TNX DAN!) 1980 or so HyGain 18AVT that I had just finished and tuned up a couple days before. So, with 1.5 hours left, I quit, set up a piece of plywood on a pair of saw-horses and grabbed a cement block for a seat. Gellcell down to 11.9v. Wasted 10-mins looking for my old Hi-Z phones.

Had a lot of fun. Believe me on this -- d.c. receivers with fairly sharp audio filters are sensitive and fun to operate, but boy, xtal filters make a load of difference, especially with the pile of stns around 14060! Then having to make sure I was in the right sideband! At any rate, with 2 watts to the 18AVT, 25 QSO's in about an hour of operating. K4BP was like 10e4 x S9 here but couldn't get him. Then how do those TX guys do it? 589 sigs. Cudos to those milliwatters out there! I must be getting too old because I want to squeeze out another watt!

These QRP contests are just great! FOX around the corner!

72 all, Ade

-----  
Date: Fri, 24 Sep 1999 01:57:45 -0400  
From: "Greg Heath" <gheath1@nycap.rr.com>  
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>  
Message-ID: <07c901bf0651\$b952eb40\$2c3a5c18@nycap.rr.com>

Hello everyone in radio land. There is a new site made available through a friend of mine, Alan Waller K3TKJ. He was nice enough to host a Site that is called Cliffdwellers at [www.qth.net](http://www.qth.net) check it out and subscribe. It is a site that we started to help start a forum on Condo/Apartment Antennas to help Hams, help each other find some kind of solution to being a ham and having to operate in a less than desirable QTH. I hope you enjoy the site.  
Greg Heath KB2QQM

-----  
Date: Fri, 24 Sep 1999 02:06:47 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51166] DCTL ANT-INITIAL REPORT  
Message-ID: <a86325a5.251c6ef7@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"



Content-Transfer-Encoding: 7bit

Well, the initial report is in one word AMAZING. I could not wait until the weekend so quickly built the 40M DCTL. The loop is only about 15ft 8inches in circumference. I hung it on the window in the shack, connected it to the QRP + and sent out the first CQ. Astonished when I got a call right back. It was W-E-6-W. Ed in CA testing the K2. Boy did that rig sound super (got to quit drooling over that K2 and get back to the email) Anyways, the antenna was oriented with the plane facing N-S and the result was several CA contacts. No I wasn't arm chair copy but still made the QSOs and that is what counts. Those of you on the band at 0400 utc know the band was less than spectacular too.

I will use it over the weekend and hopefully the 80M one also. BTW you do need a tuner and the BW is quite narrow ...BUT IT WORKS. Alan KB7MBI in Woodinville, WA

-----  
Date: Fri, 24 Sep 99 02:26:59 -0400  
From: chuck.olson@sbaonline.gov  
To: qrp-l@lehigh.edu  
Subject: [51167] 1922 QST REGEN ARTICLE  
Message-ID: <9909240226.A1893wk@sbaonline.gov>  
Content-Type: text

I know there are a bunch of regeneration maniacs on this list - I saw a reprint of an August 1922 QST article entitled: More on Super-Regeneration. It's a report on Armstrong's newest development, the super-regenerative receiver.

At that time, QST was "Devoted Exclusively to Citizen Radio" with a cover price of 20 cents.

I didn't read the whole thing yet, but it looks interesting - the URL:

<http://www.lindsaybks.com/arch/sreg/index.html>

It's on the Lindsay Books site which is quite interesting itself.

Best Regards,

Chuck Olson, WB9KZY  
Jackson Harbor Press - <http://home.att.net/~jacksonharbor>

-----  
Date: Fri, 24 Sep 1999 02:37:34 EDT  
From: WB9MII@aol.com  
To: qrp-1@lehigh.edu  
Subject: [51168] Coax as twin feeders : Thanks for responses  
Message-ID: <1db50f10.251c762e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks to all who responded. Will lay hands on some coax hopefully this weekend and try it out. Thanks 72  
Greg WB9MII

-----  
Date: Fri, 24 Sep 1999 05:06:18 -0400  
From: "Al Gritzmacher" <ae2t@arrl.net>  
To: Michael Bower <bowerm@ix.netcom.com>  
Cc: qrp-1@Lehigh.EDU  
Subject: [51169] Re: newbie question band selection  
Message-ID: <199909240903.FAA14071@mx2.localnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Michael - N4NMR wrote:

=====  
Seeing that I am just getting back into this fun hobby, can somebody tell me the reasoning behind picking one band over another. I'm talking about the monobander rigs, not the multi-banders. If I'm picking a radio, why would I choose one band over another? (Of course, the best solution is to have either a multi-bander or to have a rig (or two or three) for each band. Can anybody explain that to your wife so she'll agree???) Michael - N4NMR

=====  
I can think of a lot of reasons to pick a particular band over another or to pick several. Will you wife understand them? Depends on your wife ;-)

Reasons to have more than one band:

- variety. You may meet different interesting people on each band.
- propagation. You may need different bands at various times to communicate to a certain distance or area.
- they're there. Your license allows you to use them!
- you want to build another kit.. You aren't going to build every rig for the

same band are you?

Reasons to pick a certain band:

- Your free time is mostly evening/nights. Pick 40/80/160 meters.
- Your free time is mostly days. Pick 20/15/10 meters.
- You want to find activity around the clock. Pick 40/30 meters.
- You want to work DX. Pick 30/20/15/17/12/10 meters.
- You want to work a lot of US and NA stations. Pick 160/80/40/30 meters.
- You want to work a lot of fellow QRPers. Pick 40/30 meters.
- You want to use a smaller antenna. Pick 20/17/15/12/10 meters.
- Antenna size is no problem. Pick 160/80/40 meters.

The cost of most single-band QRP rigs is quite modest, anywhere from \$50-150. This probably won't break anybody's budget too badly. You may not want to go out and buy 5 rigs to get on 5 bands, but at a one-per-year basis, it's not out of the question.

That's the nice thing about the single-band rigs. You can enjoy building them, then enjoy operating them and when that gets old, you can start over and build another one and not break the bank.

I started out a year ago to build a QRP rig for most bands. I wanted to try a different company each time. I've even picked up a couple used radios and strayed off the kit building path a bit. I got a Heath HW-7 and a MFJ 9030 that were not kits. I built the NorCal 20, the Small Wonder Labs SW-40+, and had planned to build a 30 meter rig, but have been waiting to see if the 44 Magnum comes out. I may forego that and pick up a DSW-30. I also built an Oak Hills WM-2, and an Emtech ZM-2 so that's another two companies I spread my money around at! Eventually, I'd like to build a kit rig from Wilderness Radio and Emtech too. Don't want to leave them out.

I did succumb to the temptation and buy and build a Elecraft K2 as well. It is a super, fantastic rig and well worth doing. All bands. Full coverage. Digital readout. Full 5W (and then some) When the SSB option comes out, it will be my first 'phone QRP rig too.

You could easily spend as much or more money on separate rigs for each band than the K2 would cost. If you want to do it all and do it all at once, in one package, the K2 is ideal. If you can't afford that, but can get a single-bander once in a while, by all means do it that way too. The rigs are getting better and better, even the simple ones.

I've chosen to do both - K2 and a collection of single-banders. I'm fortunate that I can afford that without too many sacrifices - the kids all have shoes, the roof doesn't leak, and the car runs. ;-) I also have a big-

bucks QRO station, but believe me it doesn't do any better than the QRP gear when it comes to having fun.

So your choice will have a lot to do with how much money you really want to spend as well as what you want to do. Is it the building experience you want, or is that just a means to getting on the air. Will you be happy on one band, or will you only be satisfied with several, or all bands. Do you want the process to go on for a while or spend the money and get it over with and have a rig you will use for a long time. Only you can decide these things. There is no right or wrong answer. Explaining them to your wife so that she also understands and doesn't divorce you when she sees the bill, is up to you too!

Who knows, maybe if you explain it right, she may just surprise you and say to go ahead and get a K2!

-----  
Al Gritzmacher ae2t@arrl.net  
<http://members.localnet.com/~ae2t/>  
-----

Thought for the day:

Communist (n): one who has given up all hope  
of becoming a Capitalist.

-----  
Date: Fri, 24 Sep 1999 20:00:21 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51170] Re: 1:1 SWR  
Message-ID: <37EB4BB5.F3FA1A8B@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Nick Kennedy wrote:

> 72 and may all your energy reach the F layer. Or is it the D?

Nice to know I'm not the only propagation duffer.

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Fri, 24 Sep 1999 20:10:19 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51171] Re: Streamed Video and Audio of QRP Events  
Message-ID: <37EB4E0A.4523167B@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Stunning idea. Just make sure they all wear correct name tags.

--  
73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Fri, 24 Sep 1999 06:54:07 -0400  
From: Bill B Lazure <n2tpa@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [51172] Re: 1:1 SWR  
Message-ID: <19990924.071235.7606.4.N2TPA@juno.com>

I'm reminded of an article from several years back. The title was "Remember the Centibel". At QRP, we can't afford much loss. While losing .1 dB here and there may not seem like much, add all those losses together and you could be losing quite a bit of your signal.

May as well reduce what you can.

73,

Bill  
W2EB

-----  
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Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Fri, 24 Sep 1999 09:01:18 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [51173] Wanted:MFJ-941B Tuner  
Message-ID: <199909240904_MC2-862D-D61E@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
                charset=us-ascii  
Content-Disposition: inline

Gang:

Looking for a pristine MFJ-941B tuner. Please let me know if you have one  
you will sell. Thanks.

72,  
--Doc Lindsey/K0EVZ  
    DSBF  
    PO BOX 6028  
    Bismarck, ND 58506  
    70511.3041@compuserve.com  
-----

Date: Fri, 24 Sep 1999 09:01:17 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [51174] WTB:MFJ-941D Tuner  
Message-ID: <199909240904_MC2-862D-D61D@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
                charset=us-ascii  
Content-Disposition: inline

Gang:

Looking for an MFJ-941D tuner. Needs to be pristine in appearance and

operation. Anyone have one to sell?

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

70511.3041@compuserve.com

-----  
Date: Fri, 24 Sep 1999 09:14:55 EDT

From: charles k brown <n4so@juno.com>

To: qrp-l@lehigh.edu

Subject: [51175] Tube QRP Kits

Message-ID: <19990924.131228.7903.7.n4so@juno.com>

Tube Kits. E-mail them for info -- I have not  
contacted them. They have advertised in the past...

Vintage Radio Kit Co.

427 North Main St.

Sharon, MA. 02067

781-784-0847

E-mail CPCW5@aol.com

Ken Brown N4SO

Mobile, AL/EM50tk

NorCal-20/5 watts/4 ele. beam

-----  
Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 24 Sep 1999 09:25:01

From: Robert McConnell <rmcconne@lightlink.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Cc: w2xn@netzero.net

Subject: [51176] Re: QRZ Web Listing of Callsigns

Message-ID: <3.0.6.16.19990924092501.088ff4ba@pop.lightlink.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

The first time I looked at QRZ, they had an email address for me that was

insulting. I changed it immediately, but I don't know if that was their default, or if someone was fooling around.

Does anyone have a list of the sites like this that everyone should check and make sure their info is correct. I know that the official data will be ok, but if other sites have options like these to put in additional info, it would be a good idea to check all of them occasionally to make sure nobody is screwing around with our reputations, such as they are.

Bob McConnell  
N2SPP

At 08:17 PM 9/20/99 -0400, Fred - W2XN wrote:

>Has anyone else checked QRZ on the web to see if their call sign  
>information is correct ? Mine is totally messed up. It shows the LAST  
>OWNER with his info for my call sign, W2XN, but shows MY picture and MY  
>biography. Buckmaster seems to be OK, though.

>

>QRZ: <http://www.qrz.com/wrad/directory.cgi>

>

>Buckmaster: [http://www.buck.com/cgi-bin/do_hamcall](http://www.buck.com/cgi-bin/do_hamcall)

>

>Fred, w2xn

>Lakeland FL

-----

Date: Fri, 24 Sep 1999 08:45:23 -0500

From: Karl.Kanalz@optelinc.com

To: w5yr@swbell.net

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [51177] Re: open circuit battery voltage

Message-ID: <862567F6.004C1E59.00@hdqsmtp01.optelinc.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

When Heathkit was manufacturing their tube-type "VTVM", they included a f-r-e-s-h Carbon-Zinc battery (alkalines weren't around in those days) as the calibration standard for the VTVM.

Heathkit said the terminal voltage, measured by the VTVM would be 1.556 volts, and that was what you adjusted the calibration pot for on the front meter. Since all the other



range switch positions were resistance multipliers of the low range, everything else "fell into place" (for calibration purposes).

Karl K - W8TIF  
McKinney, Texas

"George T. Baker" <w5yr@swbell.net> on 09/22/99 02:25:57 PM

Please respond to w5yr@swbell.net

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: open circuit battery voltage

A new 1.5 volt conventional (carbon/zinc) dry cell - not alkaline - should have a terminal voltage at room temperature of very nearly 1.5 volts. Should be good for a first try at calibration.

72/73, George           AMA 98452           R/C since 1964  
Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Dave Pomeroy wrote:

>  
> I am looking for some way to check my DMM. Can I use  
> an open circuit battery voltage for a cal source?  
> Thanks in advance for your help.  
> Dave Pomeroy

-----  
Date: Fri, 24 Sep 1999 06:57:16 -0700 (PDT)  
From: Duane Alles <w9zm@yahoo.com>

To: qrp-1@Lehigh.EDU  
Subject: [51178] FS Kenwood 520S & VFO  
Message-ID: <19990924135716.9449.rocketmail@send501.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hello All,

I'm selling my Kenwood TS-520S with external VFO. The Rig has the 500 hz cw filter and SSB filter. This rig is in VERY NICE shape and works great. You will not find a cleaner 520S thats for sure!! Prefer to sell local to S. Cal but will ship. \$475. plus shipping.

72/73  
Duane, W9ZM

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: 24 Sep 99 10:12:19 EDT  
From: Michael Fletcher <kl7ixi@usa.net>  
To: qrp-1@Lehigh.EDU  
Subject: [51179] Re: [Tube QRP Kits]  
Message-ID: <19990924141219.159.qmail@nw177.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Charles,

The tube transmitter kit you posted in your e-mail is a low power AM b= and transmitter. I've seen similar transistor FM versions available from Tech= America and others.

Mike KL7IXI/4

-----  
Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>  
-----

Date: Fri, 24 Sep 1999 07:43:54 -0700  
From: "Frederick R. Ramont" <fredr@95net.com>  
To: n4so@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51180] Re: Tube QRP Kits  
Message-ID: <37EB8E2A.83053D36@95net.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Here's their site!  
<http://www.mnsinc.com/bry/vintage.htm>  
Fred

charles k brown wrote:

> Tube Kits. E-mail them for info -- I have not  
> contacted them. They have advertised in the past...  
>  
> Vintage Radio Kit Co.  
> 427 North Main St.  
> Sharon, MA. 02067  
> 781-784-0847  
> E-mail CPCW5@aol.com  
>  
> Ken Brown N4SO  
> Mobile, AL/EM50tk  
> NorCal-20/5 watts/4 ele. beam  
>  
> -----  
> Get the Internet just the way you want it.  
> Free software, free e-mail, and free Internet access for a month!  
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 24 Sep 1999 11:12:21 EDT  
From: Ab5wx@aol.com  
To: william h ross <k6mgo@juno.com>  
Cc: qrp-1@lehigh.edu  
Subject: [51181] Re: Fw: REALLY RESTRICTED ANTENNAS  
Message-ID: <565cd0f9.251ceed5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

There are lots of ways to stay on the air in a restricted neighborhood. Many of these ideas have been posted on this list previously. Here are some situations to look for and possible antennas:

1. How big is the attic (assuming he has one)? Is there enough room to get up there? If possible, the attic is a perfect place for resonant dipoles. Put the biggest one that will fit, and feed it with 300ohm ribbon line to a tuner. He will be able to utilize the antenna on several bands using the tuner and will get out suprisingly well. The attic is also a great place for a jpole etc, so your friend can stay in touch with the locals.
2. Very few restricted communities restrict flag poles. Check the covenants. If possible, it is very easy to construct a flagpole of 2'inch PVC pipe. Hidden in the center of the flagpole can be the Demaw multi-elemnent vertical. Instructions for building this vertical abound on the net. Again, this antenna will work suprisingly well, and it is a great low-angle dx performer. Some work will be involved in burying radials; but your friend can disguise what he is doing easily by just working in the yard. (pretend that you are installing a sprinkler system)
3. Use the eaves of the house. It is usually pretty easy to hide a dipole under the roof eaves. Another plan would be to run a wire completely around the house under the eaves, feed it with twin lead, use a tuner, and use it on all bands.
4. Any trees outside? I have found it very easy to hide both verticals and dipoles inside the tree cover.
5. No room inside the attic? Then get on the roof and mount black #12ga wire on short pvc standoffs right above the roof. If you paint the PVC black and utilize existing stand pipes, vents, etc., you can mount loops and dipoles just inches above the roof. The antennas will be virtually invisible, and again, work suprisingly well.

I have lived in a very restrictive antenna community for the last 8 years. In spite of that obstacle, I have the following antennas at my location:

80m full wave horizontal loop - outside on top of roof  
20m 2 element wire beam - in attic  
40/15/10 dipole - in trees behind house  
10m - 40m vertical - in trees behind house  
6m loop antenna - in the attic  
2m /440cm J-Pole - in the attic  
2m /440cm beam with rotator - in the attic (for cw/ssb)

I work lots of DX, Lots of QRP, and am active in practically every contest.

IMHO there is NO EXCUSE for not getting on the air.

72, Dave AB5WX, #1718

-----  
Date: Fri, 24 Sep 1999 10:30:08 -0500  
From: Brian Murrey <brian@iquest.net>

To: QRP-L <qrp-l@lehigh.edu>  
Subject: [51182] My turn again  
Message-ID: <37EB9900.76D14A74@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Again, he's back with more silly questions about batteries and charging.

I have a couple of problems, one is that I am a cheapskate. I hate spending actual cash on things that I can find for free. The other problems I have aren't radio related unless you want to discuss my zest for listening to baby monitors on my scanner....but I digress....

Let's get to the point here....I have a 12v 450 mAh battery. It is the sealed lead/acid variety you might steal, scavenge, borrow, or buy for a home alarm system. It's really nice to run the 40A.

I need a charging system, and at first thought about using my van and the alternator on it and that message brought some elementary lessons in Ohm's Law (Which I appreciated immensely), a few messages that simply said "don't do it" (Which I appreciated immensely), and several that said "Are you stupid!....blah blah blah" (which I thought was strange because in my message I mentioned in the first paragraph that this was my stupid question of the month...so either these folks like abusing morons, or they are complete illiterate losers, OR they just wanted to feel superior...whatever...I can handle it).

Back to QRP.....

I scrounged this wall wart looking charger today...it sez:

TAMURA Class 2 Power Supply

120VAC Input  
14 VDC output 800mA

Wow! Can I use this to charge my battery that powers my 40A?  
Or is it too much current? I haven't plugged it in to measure yet but I thought 13.8 to 14 V was good.

72 to everyone, please don't be offended

--

=====  
KB9BVN :NORCAL #2792 FISTS #5695 CC # 764 QRP-L #1540  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w

Proud to be a member of the American Radio Relay League  
Foxhunting Team UNDERDOG - Underdog #4

=====

-----

Date: Fri, 24 Sep 1999 11:32:48 -0400  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "_AAAA_NOGA_onlist (E-mail)"  
<nogaqrp@qth.net>  
Subject: [51183] Ade Yor're Right, Life is Too short to Miss the QRP Fun  
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3BF405B@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

Your list msg makes me think of the essence to QRP. Homebrew rigs, portable setups and spur of the moment operation. Try that with QRO rigs and BIG antennas.

BTW for those that don't know what a Viking 3X5 is then obviously you have either (1) missed reading "The JOY of QRP" by Ade Weiss or (2) just forgotten. This means it's time to pull it off the shelf and reread one of the most in tune QRP books even written. If you don't have a copy then beg, borrow or buy one. I recommend having your own copy and rereading it annually. It's a classic!

I missed Ade on this last contest but have caught him on previous events. It's always a pleasure.

K4BP was booming into Atlanta as well.

My Afield Score: 16 (QS0's) X 4 (portable pts/QS0) X 2 (pwr mult.) X 9 (SPC's) = 1152 points  
Setup: INDEX and PLPV only on 15 mtrs. @ public park in atlanta, GA

Sam Billingsley AE4GX  
Atlanta (Buckhead), GA  
personal web page at <http://ae4gx.home.mindspring.com/>  
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Subject: RE: QRP-A-yard  
From: Ade Weiss W0RSP (aweiss@usd.edu )  
Date: Fri Sep 24 1999 - 01:26:44 EDT

>>>>>snip>>>>>

.....I got to thinking about  
QRPAfield and all  
the fun that I was missing. Then I got the idea -- I have to make this fun  
somehow and came up with the idea of a "vintage QRPAfield" using my old  
Viking 3X5 and the newly refurbished ( courtesy of a manual from Dan  
Shepherd N8IE -- TNX DAN!) 1980 or so HyGain 18AVT that I had just finished  
and tuned up a couple days before. So, with 1.5 hours left, I quit, set up a  
piece of plywood on a pair of saw-horses and grabbed a cement block for  
a seat. Gellcell down to 11.9v. Wasted 10-mins looking for my old Hi-Z  
phones.

Had a lot of fun. Believe me on this -- d.c. receivers with fairly sharp  
audio filters  
are sensitive and fun to operate, but boy, xtal filters make a load of  
difference,  
especially with the pile of stns around 14060! Then having to make sure I  
was  
in the right sideband! At any rate, with 2 watts to the 18AVT, 25 QSO's in  
about  
an hour of operating. K4BP was like 10e4 x S9 here but couldn't get him.  
Then  
how do those TX guys do it? 589 sigs. Cudos to those milliwatters out there!  
I must be getting too old because I want to squeeze out another watt!

These QRP contests are just great! FOX around the corner!

72 all, Ade

-----

Date: Fri, 24 Sep 1999 11:36:14 -0400  
From: "Greg Heath" <gheath1@nycap.rr.com>  
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>  
Subject: [51184] CLIFFDWELLERS--- CONDO/APT ANTENNAS  
Message-ID: <004b01bf06a2\$899b7b00\$2c3a5c18@nycap.rr.com>

Hi to all... There is a site just started, actually an email reflector set  
up for the Ham stuck in a Condo, or Apartment or anywhere where antennas  
are frowned upon. Are you stuck in a situation where you think you might  
give up hamming because of where you live? Not anymore.. head over to  
WWW.QTH.NET and check out Cliffdwellers. It is set up so you can post  
your email to the group and hopefully receive info on how to set up stealth  
antennas from other people's experiences. check it out. Greg KB2QQM

-----  
Date: Fri, 24 Sep 1999 11:37:44 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [51185] Tuna Tin 2/ARRLWeb Extra  
Message-ID: <19990924.153550.10271.7.n4so@juno.com>

ARRL members Web Site  
<http://www.arrl.org/members/>

On line Web magazine//ARRLWeb Extra  
Vol. 1 No. 1  
Tuna Tin 2 graphics, schematic, parts list, discussion  
by W6TOY.

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----  
Get the Internet just the way you want it.  
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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 24 Sep 1999 11:48:28 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51186] Re: My turn again  
Message-ID: <003301bf06a4\$c7b515c0\$9001a8c0@wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Me? I'd just use it. But I'd put maybe a 25 ohm power resistor in series to limit current. If the battery was dead, then the power supply will see 0v and 25ohms, which would give about 1/2amp charging current. But the battery will QUICKLY rise from 0v, and once it hits 12v for example, then it's 25 ohm in series with the charging current. The voltage drop will only be 2 volts and you'll be under 100ma. This doesn't even take into account the internal resistance of the battery, which will further restrict current.



Of course, there are those that will say "That's not how to do it!". And they are wrong. What they should say is "That's not the correct way to do it!", and it isn't. But it works, and it's cheap. Just be carefull with overcharging.

Mike  
N1DVJ

----- Original Message -----

From: Brian Murrey <brian@iquest.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Friday, September 24, 1999 11:30 AM  
Subject: My turn again

> Again, he's back with more silly questions about batteries and charging.  
>  
> I have a couple of problems, one is that I am a cheapskate. I hate  
> spending actual cash on things that I can find for free. The other  
> problems I have aren't radio related unless you want to discuss my  
> zest  
> for listening to baby monitors on my scanner....but I digress....  
>  
> Let's get to the point here....I have a 12v 450 mAhr battery. It is  
> the  
> sealed lead/acid variety you might steal, scavenge, borrow, or buy for  
> a  
> home alarm system. It's really nice to run the 40A.  
>  
> I need a charging system, and at first thought about using my van and  
> the alternator on it and that message brought some elementary lessons  
> in  
> Ohm's Law (Which I appreciated immensely), a few messages that simply  
> said "don't do it" (Which I appreciated immensely), and several that  
> said "Are you stupid!....blah blah blah" (which I thought was strange  
> because in my message I mentioned in the first paragraph that this was  
> my stupid question of the month...so either these folks like abusing  
> morons, or they are complete illiterate losers, OR they just wanted to  
> feel superior...whatever...I can handle it).  
>  
> Back to QRP.....  
>  
> I scrounged this wall wart looking charger today...it sez:  
>

> TAMURA Class 2 Power Supply  
>  
> 120VAC Input  
> 14 VDC output 800mA  
>  
> Wow! Can I use this to charge my battery that powers my 40A?  
> Or is it too much current? I haven't plugged it in to measure yet but  
I  
> thought 13.8 to 14 V was good.  
>  
> 72 to everyone, please don't be offended  
>  
> --  
> =====  
> KB9BVN :NORCAL #2792 FISTS #5695 CC # 764 QRP-L #1540  
> 39.558 N 86.095 W Johnson Co., Indiana  
> GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w  
> Proud to be a member of the American Radio Relay League  
> Foxhunting Team UNDERDOG - Underdog #4  
> =====  
>

-----  
Date: Fri, 24 Sep 1999 09:06:09 -0700  
From: Tayloe Dan-P26412 <Dan_Tayloe-P26412@email.mot.com>  
To: "'rules@bellsouth.net'" <rules@bellsouth.net>, "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Message-ID: <87568F78ABDCD211A0AC0008C707718B3194F8@az10exm03.sat.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Randy:

>"Double-sided pc boards are not recommended  
>in VFOs...at least not in the frequency-determining  
>part of the circuit. The pc board, if double-sided,  
>provides numerous unwanted capacitance wherever  
>the circuit foils are formed. The dielectric material  
>of the pc board (phenolic or glass epoxy) is not  
>especially stable with regard to changes in temperature  
>and humidity, and drift can result from the double-sided  
>board approach."

What is being referred to here is when a double sided PC  
board is used with one side having etched traces and

the other side used as ground. The C between the etched traces and ground plane on the other side is of poor quality and causes the frequency instability.

Using the pad approach like the 2N2/40 VFO does minimizes this problem (trace is small), but will not eliminate it entirely. For the 2N2/40 both sides are used as a ground plane, so the best case would be to remove the copper on *both* sides of the board under the VFO pads only. The goal is to make the cap. formed by the top side of the VFO pads to ground be as small as possible. Since the rest of the components are suspended "mid air", and air is a good dielectric material, removing the copper under those parts I don't think will help much.

However, it is my opinion that making the above changes will not make any appreciable improvement. A more reasonable alternative would be to make the VFO pads as small as mechanically possible.

- Dan Tayloe, N7VE Phoenix, Az; Az ScQRPions

-----  
Date: Fri, 24 Sep 1999 11:13:06 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: brian@iquest.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51188] Re: My turn again  
Message-ID: <37EBA312.9AEAA87C@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Brian, I think that the key point here is that the wall wart has the CAPABILITY to supply up to 800 ma at 14 VDC to a load. Having the capability does not mean that it WILL supply 800 ma to any load that is connected.

These things are not constant-current sources - they just have a maximum suggested current rating that prudent users will not exceed. Ohm's Law will largely decide the actual current that is delivered to a load.

While preaching the basics, don't attach too much importance to that "14 VDC" either. These things are not all that well voltage regulated either, so the actual voltage across whatever load you connect will generally be somewhere in the vicinity of 14 VDC but could be a volt or so one way or

the other. They are notorious for putting out higher voltages under light loads, but your battery should limit the voltage to somewhere around 14 volts or so.

The safe approach here is to connect the little battery to the wall wart through a small light bulb - say something that draws about 500 ma at 12 volts - and let that serve to (a) limit current, (b) show by its brightness about how much current you are drawing and (c) burn out, as a fuse, if the battery should short out or whatever.

BTW, are you sure that battery isn't 4.5 AMP HOURS? A rating of only 450 maH sounds a little on the light side for a SLA unless it is very small. In any event, the wall wart sounds like it would be in the ball park for charging your battery. Just be careful to limit the current in case something goes wrong.

Keep us posted . . .

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Brian Murrey wrote:

>  
> I scrounged this wall wart looking charger today...it sez:  
>  
> TAMURA Class 2 Power Supply  
>  
> 120VAC Input  
> 14 VDC output 800mA  
>  
> Wow! Can I use this to charge my battery that powers my 40A?  
> Or is it too much current? I haven't plugged it in to measure yet but I  
> thought 13.8 to 14 V was good.

-----  
Date: Fri, 24 Sep 1999 09:20:46 -0700  
From: william h ross <k6mgo@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [51189] Fw: Re: DCTL ANTENNA  
Message-ID: <19990924.092048.-261415.0.k6mgo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Need help, gang,  
Tried to go to URL, below, and got "File Not Found (Error 404)"  
I know that there was no typing error on my part, because I "Copy and  
Paste", right from the original posting.  
Does anyone know what I did wrong/or what happened?  
Thanks for any help.  
73/72  
Bill, K6MGO

<snipe>

> Distributed Capacitance Twisted Loop. You can see the details at  
> <http://home.earthlink.net/%7Emwattcpa/antennas.html>.  
>

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Fri, 24 Sep 1999 12:30:01 EDT  
From: GE1am30092@aol.com  
To: k6mgo@juno.com, qrp-1@lehigh.edu  
Subject: [51190] Re: Fw: Re: DCTL ANTENNA  
Message-ID: <638211a6.251d0109@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 9/24/1999 9:24:37 AM US Mountain Standard Time,  
k6mgo@juno.com writes:

<< Does anyone know what I did wrong/or what happened? >>  
snip.....  
<<<http://home.earthlink.net/%7Emwattcpa/antennas.html>.>>

Make sure you leave the period off the end of the link. Just tried it and it  
works.

Good luck.....  
Gerry K1LR0/7  
PHX AZ

-----  
Date: Fri, 24 Sep 1999 12:49:35 -0400  
From: "Charlie Fitts" <cfitts@neca.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [51191] Re: My turn again  
Message-ID: <199909241649.MAA18730@orion.neca.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Brian - I'm no expert on gel cell charging (I use a 500 mA solar panel with a small charge controller) but I think you have all the basic parts you need there with the 800 mA wall transformer.

One thing comes to mind though - is the 800 mA the maximum that the xfmr will put out, or is that the maximum you can draw from it before it bursts into flames? :-) Just kidding. But if it doesn't have some kind of current regulation built in, it may be possible to overheat it and/or overcook the battery.

Assuming you have the necessary current regulation, it might be possible to control the voltage with a 14 volt zener connected directly across the battery. I got a couple of 5W zeners from Mouser here to experiment with that way but haven't gotten around to it yet. If you try it, please let me know how well it works!

72 es cul

Charlie Fitts, N1EI

-----  
Date: Fri, 24 Sep 1999 13:00:17 EDT  
From: Drbob92031@aol.com  
To: inforhc@mail.infocom.etecsa.cu, qrp-1@lehigh.edu  
Subject: [51192] Re: Two coax balanced shielded feeder  
Message-ID: <65c5fc80.251d0821@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 9/23/99 8:44:46 PM Eastern Daylight Time, inforhc@mail.infocom.etecsa.cu writes:

<< Well back to the pararell dual coax line...

2 X 75 ohms cables gives you a nice 150 ohm line. >>

Maybe I am too old but I recall resisters in parallel are not cumulative in value but "averaged" IE 2 parallel 75 ohm cables (resisters) should yield 37.5 ohms? Someone help me out here please.

72..de WA2EAW...BOB

-----  
Date: Fri, 24 Sep 1999 12:58:51 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [51193] [RE]"Front End Saver"  
Message-ID: <199909241302_MC2-862D-7DEF@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset=us-ascii  
Content-Disposition: inline

Gang:

Thanks to many who have written in with various suggestions re protecting receiver front ends. They have all been helpful and much appreciated.

What I am actually looking for is a piece of equipment some company sells. Seems to me it costs about \$49.95-59.95 retail. BTW, now I remember that it was mentioned in a magazine review of MFJ's outboard noise reduction unit (the small unit with the whip antenna, etc.)

Still hoping for more information. Thanks in advance, one and all.

72,

--Doc Lindsey/K0EVZ  
DSBF  
PO BOX 6028  
Bismarck, ND 58506  
70511.3041@compuserve.com

-----  
Date: Fri, 24 Sep 1999 10:33:10 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [51194] TT2/MRX Building/Operating Event at Pacificon  
Message-ID: <01bf06b2\$dfad86e0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, we have 3 kits left for the Pacificon TT2/MRX Building/Operating Event at Pacificon on Friday, Oct. 15th. If you will build the kits and bring them to Pacificon, NorCal will give them to you. I'm talking everything, parts, boards, case for the receiver, connectors, everything you need except a SPDT toggle switch and an empty tuna can for the chassis. To get a kit, send me an email with TT2/MRX offer in the subject line. We want to have a fun operating event, and will use the rigs at Pacificon for a special Fox Hunt.

Mike Gipe, K1MG will be the Fox, and he will be using a K2 (that way he can find and separate all of the huge signals!!). The hounds will all be using a TT2/MRX crystal controlled transmitter and receiver. We have supplied 4 - 200 ohm resistors and a RCA plug to make a dummy load. The rules say you may use that along with a 6 foot wire attached to the hot side of the dummy load, or, you may build your own antenna for 40 M, but it can't be longer than 6 feet (or you could build a loop antenna). No hamsticks allowed, the antenna has to be homebrewed. But you may build a loaded whip, as long as the total length of the antenna is less than 6 feet. (The reason for this is that we will be operating inside, and space is a consideration.)

Here is the list of guys in the contest so far, and there is some pretty good competition.

#### Tuna Tin 2 Builders List

1. Chuck Adams
2. Paul Harden
3. Jan Medley
4. Jeff Grudin
5. Andreas Junge
6. Ron Baldwin
7. Steve Smith
8. Gary Diana
9. Bob Hightower
10. Bertie Hightower
11. Jerry Parker
12. Ori Mizrahi Shalom
13. Vern Wright
14. Mary Cherry
15. Monte Stark
16. James Rybak
17. Veda Henson
18. Dave Epps
19. Gody Siason
20. Ron Smith



21. Steve Schroder
22. Sam Imai
23. Joe Everhart
24. Jim Stafford
25. Dwight Graham
26. Dave Fifield
27. Doug Hauff
28. D.K. Philbin
29. Joe Everhart
30. Jim Cates
31. Steve Cates
32. Darrel Jones
33. John Kitchens
34. Mike Wood
35. Randy Foltz
36. Brian Kassel
37. Grant Taylor
38. Norm Melick
39. Jack Lawalskit, W6ABC
40. Bob Tellefsen
41. Dave Meacham
42. Brian Shiratsuki
43. Jay Bromley

The contest will start at 8:00 PM and run for 1 hour. We will soon see who the real operators are!! Plus, we will have a "beauty contest" after the event and see how everyone has packaged their kits. Should be some unique ways to do it. The rigs don't have to be built into the cases suggested and provided. Be creative and most of all have fun!! Hope to see you at Pacificon and the NorCal QRP Forum, Oct. 15, 16 & 17 at the Sheraton Hotel in Concord, CA. The event is being held in conjunction with the Pacific Division ARRL Forum sponsored by the Mt. Diablo Radio Club. There is a \$5 advance/\$8 at the door charge for the convention, but all QRP activities are free!! Come join us at Pacificon. 72, Doug, KI6DS

-----

Date: Fri, 24 Sep 1999 11:05:00 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <n2tpa@juno.com>  
Subject: [51195] Re: 1:1 SWR  
Message-ID: <000201bf06b1\$25b8a860\$257054d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yeah. Funny thing is, you don't have to be QRP to be compulsive about losses. I was reading tips for contesters on [contesting.com](http://contesting.com) and they said, "don't ever let anyone tell you that 0.1 dB doesn't make any difference or that 40 radials are as good as 80." Not an exact quote, but similar.

And these are guys who run multiple megabuck rigs, 1500 watts and have acres of aluminum in the air.

It amuses me that some QRPers seem to want to keep things "in scale." As in, "I've got this little bitty radio, so I need a dinky antenna to go with it." The opposite is true.

I truly believe that 0.1 dB doesn't make any difference. But maybe an attitude that worries about the little things will pay off. Like that old saying, "Take care of the pennies and the dollars will take care of themselves." Take care of the 0.1 dBs and maybe the S-units will take care of themselves.

72,

Nick, WA5BDU

-----Original Message-----

From: Bill B Lazure <n2tpa@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Friday, September 24, 1999 6:16 AM

Subject: Re: 1:1 SWR

> I'm reminded of an article from several years back. The title was  
> "Remember the Centibel". At QRP, we can't afford much loss. While  
> losing .1 dB here and there may not seem like much, add all those losses  
> together and you could be losing quite a bit of your signal.

> May as well reduce what you can.

>

>73,

>

>Bill

>W2EB

>

-----  
Date: Fri, 24 Sep 1999 12:36:07 -0500

From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51196] Re: My turn again  
Message-ID: <00ad01bf06b3\$632142a0\$ad64ced8@ka0gkc.ampr.org>

> I scrounged this wall wart looking charger today...it sez:  
>  
> TAMURA Class 2 Power Supply  
>  
> 120VAC Input  
> 14 VDC output 800mA  
>  
> Wow! Can I use this to charge my battery that powers my 40A?

Yes you can use this to charge your 12v 450 maHr battery. The question is can you do it safely and preserve the battery. Sealed lead acid batteries should be charged at .5 or below there maHr rating. So 225 ma of current should be the maximum allowed current. You could use an LM317 voltage regulator setup as a current regulator and set it for a short circuit current of 200 ma. Realize here that the regulator will pass the 200 ma with a voltage drop of 14 volts.  $P=E \times I$  so the LM317 will dissipate 2.8 watts worse case. Most times the battery will have about 10 volts or so as this is about when your radio will quit working. So the voltage drop across the regulator will be 4 volts and the LM317 dissipation about .8 watts. You will need a heat sink. Also the LM317 will have about a 1.5 volt drop on it's own. This is probably not a problem because most wallwarts are not regulated. Yours is rated at .8 A @ 14 volts. At lesser currents the voltage is no doubt considerably higher. You need to measure it's voltage at different current levels and plot it's voltage to current output curve.

Another approach to current limiting which is in keeping with your junk box is to use an automotive lamp like a tail lamp or backup light in series between the wallwart and battery. You size the lamp for your maximum current. This is cheap and provides a charge indication. As the battery voltage goes up, the lamp goes out as the voltage drop across it becomes smaller and the resistance of the lamp also decreases. Under most circumstances the lamp will barely glow do to the smaller voltage drop as noted above.

Most important is to not overcharge or force to much current through the battery as it nears it's full charge voltage. These "sealed" batteries are really not sealed. If you overcharge they will gas through their vents and lose electrolyte. You must measure the current carefully near the end of the charge because either current regulation scheme above may provide to much current at this point. Ideally you should be down to about 40ma of current to top off the

battery. If your final current is higher you may need to add a resistor in series as well. Now, when and how to shut it off. Easiest junk box way is with a relay and an OP-amp as a comparator to measure the voltage across the battery. A 5 to 6 volt Zener diode or regulator is used for the comparator reference. The OP-amp controls the relay such that it is energized when the voltage is below the full charge setting, about 13.5 volts. When the battery reaches the full charge voltage the OP-amp de-energizes the relay. The relay contacts are wired for normally off and the contacts are placed in series between the regulator/resistor combo and the battery. A larger resistor is placed across the contacts, perhaps 10k or so to prevent the relay from oscillating when no battery is connected. The OP-amp voltage measuring input is connected to the battery side of the relay contacts. The relay could be replaced with a power MOSFET I should think if your junk box has one.

Well all this is just off the top of my head. I've never tried this scheme but it should work with a bit of experimentation and most junk boxes should yield the parts. And as a side benefit this charger is completely automatic and can remain connected without fear of overcharging.

Hope this Helps,

----

73 de KA0GKC Claton Cadmus

ka0gkc@arrl.net

MNQRQ #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

-----

Date: Fri, 24 Sep 1999 14:09:06 -0400 (EDT)

From: Jim Fielden <fielden@utkux.utcc.utk.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [51197] TenTec Scout FS

Message-ID: <Pine.GS0.4.10.9909241407540.23778-100000@moe.cas.utk.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a tt 555 w/ 10-20-40 Modules and Manual. Looks and works good.  
\$400.00

Jim,  
Ku4qw



conductors are 180 degrees out of phase, (hopefully).  
What you are measuring is the characteristic IMPEDANCE of a transmission line  
( the two inner conductors against each other), where energy is not mostly  
dissipated as heat like in a resistor but "transmitted" to the load

72,  
Hugo  
CX9AAK/W2

----- Original Message -----

From: <Drbob92031@aol.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, September 24, 1999 1:00 PM  
Subject: Re: Two coax balanced shielded feeder

> In a message dated 9/23/99 8:44:46 PM Eastern Daylight Time,  
> inforhc@mail.infocom.etcscu writes:  
>  
> << Well back to the pararell dual coax line...  
> 2 X 75 ohms cables gives you a nice 150 ohm line. >>  
>  
> Maybe I am too old but I recall resisters in parallel are not cumulative  
in  
> value but "averaged" IE 2 parallel 75 ohm cables (resisters) should yield  
> 37.5 ohms? Someone help me out here please.  
> 72..de WA2EAW...BOB  
>

-----  
Date: Fri, 24 Sep 1999 11:55:01 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [51200] KI6DS builds and tests St. Louis Doublet inspired antenna  
Message-ID: <01bf06be\$4e7f9440\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yesterday was a tough day, and when I got home I decided that I need a  
breath of fresh air and some fun in my life. So, I put off some work that  
needs to be done, and did something that I have been thinking about for a  
couple of weeks. I built a St. Louis Doublet for 20 meters. Dave Gauding,  
NFOR wrote an article for the Spring 99 issue of QRPP on it, and his version  
uses magnet wire for the antenna. The article mentions using a G5RV type of

feedline, regular 300 ohm twinlead, and 2 strands of flat computer cable. It was this last one that got me to thinking. Why not use the 2 strands of computer flat cable split for the legs of the doublet?

I got out my roll of #26 gauge stranded flat computer cable and cut a piece about 50' long. I then measured 16 and 1/2 feet, and put a nylon cable tie around it and tightened it down. Then, I split the cable along the 16 and 1/2 feet creating the two legs of the dipole. Then I used another nylon cable tie to attach a small brass fishing swivel to a loop formed from the first cable tie. What I did was take the end of the first cable tie, run it through the eye of the swivel, and then used the second cable tie to clamp the loop. I then trimmed the ends of both cable ties. Now I have a way to attach the center of the dipole to the SD20 fishing pole. It is light, and when I put the dipole up, the top does not bend on the fishing pole!!

The next step was to fold the ends of the dipole to make a small loop, and I used cable ties to secure the loop. I attached nylon trot line to the ends of the dipole and tied them off to the house and the fence. I attached the swivel to the top of the pole, put it on its stake, and the feed line was the rest of the flat cable wire. I stripped off the ends, fed it to the tuner and it loaded very easily, giving a flat match on 20. (Haven't tried it on other bands yet, but I will.)

I really like the looks of this antenna for my NorCal 20. It is very light, easy to make, and it works great too!

The proof is in the pudding they say, and I hooked up the NC20, got on the air, and tuned across 20 meters. Average day, not great, but a few signals. I decide to call CQ. K7JW, John in Helena, MT answers and we have a 35 minute ragchew. He is 599 with 100 Watts, I get a 579 report. Solid copy qso. John is a great operator, and I copied everything at about 20 WPM in my head. I am working on that skill. Takes practice though. Finally, John got the call for supper, and I tuned down the band. K7YY and a VE7 are in qso, both are loud, (have to do that AGC mod for the sake of my ears, grin). I tune away and find a clear spot and call CQ. Chuck, AA0RI in Wamego, Kansas answers. Nice fist. We have a 30 minute rag chew. Great fun. Then JoAnne calls me for dinner. It takes 3 minutes flat to tear down the station, including the antenna.

This antenna is a keeper. Don't know how long it will last, but it is really easy to build. I have visions of having to take JoAnne shopping at the mall. But instead of killing time in the bookstore while she shops, I have a plan. I'll take my NC20, my paddles, my SD20 pole, my still to be named antenna, and my cordless drill. Why the cordless drill? Well, a 3/16" bit will drill a hole in the asphalt and I can put my antenna up in the parking lot and operate while she shops!! I know the drill trick works, as I have done it before. The SD20 stands up great.

Tonight I want to try a couple of things. First of all I want to see if it will tune up on the other bands, and then I want to use another 2 twenty foot poles to make it a flat dipole with the ends as well as the center at 20 ft. Guys, if you haven't tried building and experimenting with antennas, you should. It is a blast, and you get to see if they really do work in the real world. I like to think of building and testing antennas as the outdoor equivalent of building a rig. The tests on the antenna I used last night are not significant yet other than they encourage me to keep experimenting. I did find out that the flat computer cable works as a feed line. Remember the idea here is to have something that is very light and that the Fiberglass fishing pole is able to support. Hope to work you on the bands.

As I lay in bed last night I thought about the great day that I had. The NC20 is a great radio, fun to operate, and I love the built in TiCK keyer and the AFA. The antenna I built worked, and I realized something. When you think things are going bad, do something positive and it will change your whole day. Thanks to Dave Gauding for the inspiration on the antenna, thanks to K7JW and AA0RI for being on the air, and most of all, thanks to QRP I had fun!!  
72, Doug, KI6DS

-----  
Date: Fri, 24 Sep 1999 14:51:56 US/Eastern  
From: n2cx@voicenet.com  
To: njqrp@njqrp.org  
Cc: qrp-1@lehigh.edu  
Subject: [51201] NJQRP presentation at SJRA hamfest  
Message-ID: <199909241849.0AA116942@nss4.cc.lehigh.edu>

Group,

As N2APB announced we will be giving a presentation at the SJRA hamfest in Mt Holly, NJ tomorrow on QRP contesting.

We have been given a room for 10:00 am so please look for us!

And as Ken N2CQ announced there will be a simultaneous FB-40 sprint from 9:00 to 12:00 EDST. Ken will be running a demo station using the club call WQ2RP from a location in the flea market area.



Check Ken's posting for more info on the sprint or  
or see the formal stuff on the NJQRP web page  
at [www.njqrp@njqrp.org](http://www.njqrp@njqrp.org).

See you there!

72/73,

Joe E.,  
N2CX

-----  
This message was sent using Voicenet WebMail.  
<http://www.voicenet.com/webmail/>

-----  
Date: Fri, 24 Sep 1999 15:03:49 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [51202] Re: KI6DS builds and tests St. Louis Doublet inspired antenna  
Message-ID: <37EBCB15.E0CFA78A@rit.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

"Hendricks, Doug" wrote:

>

> I got out my roll of #26 gauge stranded flat computer cable and cut a piece  
> about 50' long. I then measured 16 and 1/2 feet, and put a nylon cable tie  
> around it and tightened it down. Then, I split the cable along the 16 and  
> 1/2 feet creating the two legs of the dipole.

Doug,

Reminds me an awful lot of the old zip-cord dipoles, but it sounds like  
it'd be a heck of a lot lighter!

> This antenna is a keeper. Don't know how long it will last, but it is  
> really easy to build. I have visions of having to take JoAnne shopping at  
> the mall. But instead of killing time in the bookstore while she shops, I  
> have a plan. I'll take my NC20, my paddles, my SD20 pole, my still to be  
> named antenna, and my cordless drill. Why the cordless drill? Well, a  
> 3/16" bit will drill a hole in the asphalt and I can put my antenna up in  
> the parking lot and operate while she shops!! I know the drill trick works,

> as I have done it before. The SD20 stands up great.

Have you got a trailer hitch? How about a removable BC antenna on the car? One that leaves a 3/16" hole when you unplug it? (Grin)

Thanks for passing this along!

Dave

--

Dave Hinerman WD8CIV  
Ontario, NY Grid FN13IF  
dlh1009@rit.edu

-----  
Date: Fri, 24 Sep 1999 15:09:28 -0400  
From: w2xn@juno.com  
To: qrp-l@lehigh.edu  
Subject: [51203] Restricted Antennas  
Message-ID: <19990924.150928.-737863.1.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I live in an antenna restricted Mobile Home Park in Florida. With my hidden antenna I have worked QRP to Calif, Russia, Europe, etc. And surprising enough, I don't even have any radials....

My antenna can be seen at:  
<http://paradox2010.com/gallery/ke6zx2.htm>

Look carefully, it is the one with the flag flying on it.

(Hustler 4-BTV)

Fred, w2xn,  
Lakeland, FL

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 24 Sep 1999 12:10:45 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu

Subject: [51204] K2 DX; Freq. Accuracy.  
Message-ID: <37EBCCB5.F2A2D710@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

I worked JM6FMW today on 20 meters. Naku couldn't believe  
I was only at 5 watts and liked the K2 rig. (14.060 MHz)

Oh, I have correlated the frequency display of the  
K2 to be within about 10 Hz of TX freq. on all bands.

Just use the external oscillator method and convergence  
routine mentioned in the manual. Works great.

Looks like 20 meters is doing good today.

72/Ed we6w

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

-----

Date: Fri, 24 Sep 1999 15:12:46 EDT  
From: PDouglas12@aol.com  
To: Dan_Tayloe-P26412@email.mot.com, qrp-l@lehigh.edu  
Subject: [51205] Re: 2N2/40 VFO  
Message-ID: <b1017098.251d272e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

OK guys, I think I can wade in and help here. I have seen photos of most if  
not all of the 2N2s built to date, and of course I have mine. Mine has the  
biggest pads you ever saw. They are not only big, they are ugly and  
irregular, having been cut out with a shears, not a nibbler. Guess what? My  
VFO is rock stable. Rock. From turn on to next year. It is shakeproof, and  
blowproof, as far as I know. I used single sided board for the pads, I  
admit, but I think the substrates are all double sided. But note, I built my

VFO on a separate piece of PC board, then used solder jumpers to tie it onto the middle of the main board. So there are big pieces over big pieces all over the place. I can only conclude that the Manhattan construction is inherently more stable than PC trace-and-hole boards. My advice, just build it; it will work.

72,

Preston WJ2V

-----  
Date: Fri, 24 Sep 1999 15:33:01 -0400  
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [51206] 1:1 SWR/ db losses  
Message-ID: <v0311070bb4117a4c0cd6@[132.235.81.85]>  
Mime-Version: 1.0  
Content-Type: text/enriched; charset="us-ascii"

A broadcast engineer, who worked at a big 100kw + radio station, once told me that a 1 db loss in a feedline connector meant a fire! If you do the math you can see that connector will have to dissipate 21,260 watts.

$-1\text{db} = 10 \log \frac{100,000}{100,000 - 21,260}$

100,000

So I don't think any QRP rig will start a fire but it does make one think about losses in a little bit different way.

NS80

-----  
Date: Fri, 24 Sep 1999 15:37:42 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@Lehigh.edu  
Subject: [51207] Eating Crow?  
Message-ID: <37EBD306.29B4@erols.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guys,

You perhaps know I am now the editor of the League's new Web Based QRP column. Yes, this is a new thing. I was asked and I said yes. The first column is now running on the League's 'Members Only' page. It will be a monthly feature.

However, I must eat a small bit of crow, and I am going to do it in front of you all! I inadvertently slighted NorCal in my first column. Maybe you know the Tuna Tin 2 story. Doug DeMaw published the transmitter back in 1976. It spawned a whole series of tuna can related accessories like the Sardine Sender and the CB Slider.

A couple of years ago Doug Hendricks reprinted the Tuna Tin 2 story in QRPp and had the design updated to use currently available components. While I did not build one of Doug's Tuna Tin 2 clones, I did contribute the Update to the CB Slider VFO. These projects are still listed on the NorCal Web Page.

This year I built another clone of the Tuna Tin 2, laid out in a more conventional format. I envisioned using this transmitter as a small add on to some receiver projects I am working on. I also used it to review a circuit board layout program, Target 2001, in the October 1999 issue of QRP Quarterly. If you get it you will see it there.

In my excitement at the upcoming Black Cat Tuna Tin 2 event to be held on October 30 and 31, I also mentioned the clone I had built in my first ARRL Web Column. I guess I wasn't thinking because I inadvertently forgot to mention Doug's previous articles.

I am truly sorry for this oversight. I hope you will all build one of the clones and use them. Both boards will be available from FAR Circuits.

And by the way, on Friday night October 29, Paul Harden is again running his Zombie Shuffle event. This makes the last weekend in October a truly QRP weekend. We will have special Zombie numbers at W1AW and will give them out when asked. I will see if Paul will extend the Zombie Shuffle event over the whole weekend. Maybe we can start something here!

73

The NorCal Web Page can be found at:

<<http://www.fix.net/~jparker/norcal.html>>

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Date: Fri, 24 Sep 1999 15:05:54 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [51208] HF sig gen/ QRPp xmiter  
Message-ID: <199909241947.PAA04080@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Howdy,

For some time, I've been working on developing a pretty good Signal Generator to cover the HF bands that doesn't cost an arm and half a leg. At long last, I have something that's starting to have real promise.

Tunes 500 KHz to 30 MHz, unwanted mixer spurs are 40-45 dB down, has a variable output up to 40 mW, output level is pretty much flat over the whole range, PLL stabilized, currently with 10 KHz steps. Hopefully, that will soon be 1 KHz steps with a VXO to tune between steps and have LCD for freq read out.

With the 40 mW output, that's plenty for pretty much any kind of measurement and driving impedance bridges and sensitive SWR meters for antenna tuning. It's also just about enough to use as a QRPp transmitter. (after adding appropriate low pass filters, as it does produce harmonics, despite my best efforts and the use of Class A amplifiers)

I'm just wondering if I should add another amplifier stage to get the output up to more like 400 or 500 mW, keying circuit, low pass filters and QSK antenna switching to make it a real transmitter or to just leave it as a heavy duty signal generator.

I'm hoping to offer this as a kit by the new year. Making it a QRPp transmitter will add a bit to the cost, but should still come in at about 100 dollars. Opinions on which way to go are hereby solicited and to get a feel for how much interest there is for a project like this :-). Oh, I'm also thinking of having a RS-232 serial port for PC control. Would that be worth adding?

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Fri, 24 Sep 1999 15:58:37 -0400  
From: "Perley Urquhart" <n1yuk@nemaine.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [51209] Pixie  
Message-ID: <00fa01bf06c7\$31aad100\$9b4488d0@urquhart>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Interested in getting a Pixie. Suggested as a nice get acquainted rig.  
Where can I get one, and what are they going for? Thanks. Perley, N1YUK,  
Maine

-----  
Date: Fri, 24 Sep 1999 19:54:54 +0000  
From: ke4qok@att.net  
To: "Nick Kennedy" <nkennedy@cswnet.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [51210] Re: 1:1 SWR  
Message-ID: <1999092419545452612@webmail.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain

If you have a big enough antenna you don't even need a  
radio. <GGGGG>

Bob  
KE4QOK

>It amuses me that some QRPers seem to want to keep things "in scale."  
As  
>in, "I've got this little bitty radio, so I need a dinky antenna  
to go with  
>it." The opposite is true.  
>

Date: Fri, 24 Sep 1999 15:57:46 EDT  
From: KU4YP@aol.com  
To: qrp-1@lehigh.edu  
Subject: [51211] TRADE  
Message-ID: <73c581a2.251d31ba@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

hello,

i am wanting to trade my kenwood ts530s hf rig for a ts130v qrp rig. my 530s is 9.5 of 10 in cosmetics. works 10 of 10. comes with spare set of finals and driver. mc 50 mike, manual and box.

any consideration appreciated.

73  
ku4yp  
mike prevatt  
lake hendry, fl

-----  
Date: Fri, 24 Sep 1999 13:02:03 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>  
Subject: [51212] FS: Mirage MP-1 Wattmeter  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE0476@hq-expo2.filenet.com>

Brown and tan case. Very (very) clean and works great (measures accurately too!). Asking \$100 OBO. If you're not too far away, I'll eat the shipping.

..I wanted to offer this *before* I put it on e-Bay :-).

-----  
Date: Fri, 24 Sep 1999 16:07:31 -0400  
From: "Scott Howell" <n3byy@yahoo.com>  
To: <cw@qth.net>, <qrp-1@lehigh.edu>, <tentec@contesting.com>  
Subject: [51213] handkey pins still accepting orders  
Message-ID: <001101bf06c8\$ce803dc0\$a761b683@HQ.NASA.GOV>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"



Content-Transfer-Encoding: 7bit

I am making another call for handkey orders.

The response has been very good and so I thought I would extend the opportunity again.

Please note that as more pins are ordered, the price drops quite a bit as you will see this reflected below.

A few points. .

I previously stated there would be a minimum of 50 pieces of one type or another to make that piece available. i.e. 50 lapel pins 50 tie tacs etc. However, the vendor has agreed to drop this requirement. So yes earrings are available. Any piece can be had now in fact with no minimum order required.

Also, please note I'm waiting on a price for earrings. DOn't exspect these to be that expensive. These will be of the hoop variety.

Please note that per the prices below, add \$1.25 for shipping and mailer expenses. DX orders will be handled on an individual basis. Please contact me at n3byy@yahoo.com for DX quotes.

If you have already gotten on the list, you will shortly receive an msg from me to confirm your order and give you instructions as to where to mail your funds and I'll need your address.

If you have not gotten on the list and would like to due so, please send me an E-mail with your order, name, and address. I'll confirm your order and provide instructions as mentioned above.

At any time, you may send E-mail to n3byy@yahoo.com if you have any questions.

One final comment on mailing. If you order more than 10, I may box these and the postage will likely cost a little more. Please let me know if you have a preference in shipping method. All orders will go regular mail otherwise.

Photo Etched w/Epoxy                      Gold Plating

500 @ \$.635                      300 @ \$.889                      200 \$1.30 100 @ \$2.16

with Butterfly Clutch Backing = this is the type of fastener you squeeze both sides together. Note this arrangement has an extra

stud to keep the pin from spinning around.

Safety Pin Backing = like you'd see on most badges

Tie Tack Backing add \$.22 each extra = its a typical tie tac backing that has a circular piece with a ball with a dimple to hold on to on the back side.

You push the pin into this and to release you must hold ball and pull the circular piece forward to remove from the tie.

Tee Bar Backing add \$.55 each extra = alligator type clip clasp attachment.

Tie Tack with Chain Backing add \$.26 each extra = same as tie tac, but has a chain which has a small rod shaped piece on the end that fits through a button hole to secure tie.

Please note that we are now up to 200 pieces so the \$1.30 price is in affect. I hope to get a min of 300 orders.

Incase you missed all the prior msgs on this matter, I make nothing on the deal. I am doing this only because I wanted one and couldn't have it without such a project.

tnx es 73 de Scott/n3byy

Laurel MD

Fists #5030 . Qrp-1 #1689

for immediate response, send mail to n3byy@amsat.org

-----  
Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Fri, 24 Sep 1999 16:10:02 -0400

From: "Scott Howell" <n3byy@yahoo.com>

To: <cw@qth.net>, <qrp-1@lehigh.edu>, <tentec@contesting.com>

Subject: [51214] please firlgive bw

Message-ID: <001201bf06c8\$d0118c20\$a761b683@HQ.NASA.GOV>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I sent messages to the following folks

<n1rui@together.net wayneg@inovion.com CLFINYV@aol.com>

these bounced back. If you know this person or that person sees their address, please contact me.

tnx

73 de Scott/n3byy

Laurel MD

Fists #5030 . Qrp-1 #1689

for immediate response, send mail to n3byy@amsat.org

-----  
Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Fri, 24 Sep 1999 16:10:38 -0400 (EDT)  
From: Chris Cartwright Sr <ccart@phideaux.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [51215] Re: KI6DS builds and tests St. Louis Doublet inspired antenna  
Message-ID: <Pine.LNX.4.04.9909241546240.941-1000000@dns.phideaux.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 24 Sep 1999, David Hinerman wrote:

> Have you got a trailer hitch? How about a removable BC antenna on the  
> car? One that leaves a 3/16" hole when you unplug it? (Grin)

I have a 5" mag mount lag bolted to a dowel (that fits in the SD-20) on top of the Suburban. With *ABSOLUTELY* no wind it's self supporting, but generally I guy it to the truck with some monofilament. Can't go mobile with it attached (27' high:) but it's great for rainy /P adventures. And three tons of steel makes a fair counterpoise:) I've only used it for vertical, but it looks like there's some SLV, SLX and KI6DS Port-o-Loop experiments in my future.

And thanks for the germ of an idea Doug, after I read your post I started

figuring out (ok, doodling) a 2 to 5 element quad for 20M that's back packable, it should come in at under \$50, anyone interested :) How well would a quad work 8' off the ground? Hmmm... if I mount it on the Suburban I'd have a 250HP, 7000 lb rotor... Gotta get home and do some modeling. If the idea ever flys, QRPP has first dibbs.

72

```
-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

-----

Date: Fri, 24 Sep 1999 16:16:02 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [51216] Re: HF sig gen/ QRPP xmiter  
Message-ID: <37EBDC02.6E73DAFF@rit.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Steven Weber wrote:

> I'm just wondering if I should add another amplifier stage to get the  
> output up to more like 400 or 500 mW, keying circuit, low pass  
> filters and QSK antenna switching to make it a real transmitter or to  
> just leave it as a heavy duty signal generator.

Steven,

I, personally, like the signal generator idea. Maybe make the amp, switch, and filter as a separate add-on module (or another product altogether)?

> I'm hoping to offer this as a kit by the new year. Making it a QRPP  
> transmitter will add a bit to the cost, but should still come in  
> at about 100 dollars. Opinions on which way to go are hereby  
> solicited and to get a feel for how much interest there is for a  
> project like this :-) Oh, I'm also thinking of having a RS-232 serial  
> port for PC control. Would that be worth adding?

Hmmm... I use test equipment with comm capabilities in automated setups at work, and it's a great help. I REALLY like the idea of a small handheld terminal for controlling test equipment up on the shelf over

the bench - things get cluttered enough with prototype, voltmeter, scope on a cart next to it, schematics on top of everything, coffee cup about to tip over, etc. Being able to put the generator out of the way, and having a little control pendant is appealing. (For what it's worth, the HP-48 calculators have RS-232 comms and you can get a little terminal emulator program.) I think an Rs-232 option would be useful.

Disclaimer: the opinions presented here are my own, and have no basis in reality. Use at your own peril.

Dave

--

Dave Hinerman WD8CIV  
Ontario, NY Grid FN13IF  
dlh1009@rit.edu

-----

Date: 24 Sep 1999 16:20:01 -0400  
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>  
To: w5yr@swbell.net  
Cc: qrp-l;;  
Subject: [51217] More wall-wart cautions  
Message-ID: <1999Sep24.162001-0400@[130.113.234.7]>

George Baker makes some great points about cautiously interpreting wall-wart specs. Let me add some more....

A wall-wart often says "12V at 500ma".

This should be interpreted as saying that the average DC voltage coming out will be *about* 12v....ONLY WHEN 500ma. IS FLOWING! Immediately, i think "yeah, but what's the open-circuit voltage?". When you're *NOT* drawing 500 ma. load current, the wall-wart output voltage is a lot higher. I've seen it climb as high as 20v. That's really lousy regulation, but then the wall-wart spec says nothing about how constant output voltage is maintained in the face of varying loads.

So here's a scary scenario when you buy a wall-wart to run your QRP rig... You've measured your rig's current draw during transmit, and its about 500ma - so you figure that the wall-wart will drive it OK.

But your rig only draws 20ma. during receive. The wall-wart voltage rises close to its open-circuit voltage of 20v. This is higher than the 16v voltage rating of numerous electrolytic capacitors inside your rig, which sooner or later short out.

While your electrolytics are preparing to die, you try transmitting. The transmitter works OK, but you get RST reports of 595, with complaints of hum.

The manufacturer has only said that *average* DC voltage is 12v - but that includes about four volts of 120 Hz hum while the inadequate filter capacitor charges and discharges.

Dangerously high during receive, and too hummy during transmit.

Are wall-warts to be avoided entirely? Some (more expensive) have included electronic regulation. These should be OK. The regulation takes care of both problems (hum and varying output voltage).

Or you could buy a wall-wart with more voltage than you need and add your own regulator device. For a 12v rig, you'd need an (unregulated) wall-wart having more than 18v. This leaves two volts overhead for the regulator and four volts for 120Hz hum.

In <37EBA312.9AEAA87C@swbell.net>, George T. Baker wrote:

>Brian, I think that the key point here is that the wall wart has the  
>CAPABILITY to supply up to 800 ma at 14 VDC to a load. Having the  
>capability does not mean that it WILL supply 800 ma to any load that is  
>connected.

>

>These things are not constant-current sources - they just have a maximum  
>suggested current rating that prudent users will not exceed. Ohm's Law  
>will largely decide the actual current that is delivered to a load.

[...]

-----  
Date: Fri, 24 Sep 1999 13:23:48 -0700  
From: Jerry Haigwood <w5jh@swlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [51218] Backpack Radio  
Message-ID: <37EBDDD4.6B7BF8D@swlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey Gals and Guys,

I finally got some pictures of my light weight backpack station loaded to my web page. If you are interested in light weight radios, batteries, etc. Point you browser to:

<http://www.swlink.net/~w5jh/backpack.htm> (under my projects section)

--

73, Jerry W5JH  
web page <http://www.swlink.net/~w5jh/>

-----  
Date: Fri, 24 Sep 1999 16:29:03  
From: Robert McConnell <rmcconne@lightlink.com>  
To: jbartac@max.state.ia.us  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51219] RE: DCTL Antenna URL  
Message-ID: <3.0.6.16.19990924162903.0877bf16@pop.lightlink.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Jerry,

The escape sequence %7E is a tilde. But I noticed you also dropped the period off the end. That is the most likely fix.

Bob McConnell  
N2SPP

At 01:32 PM 9/24/99 -0700, Jerry Bartachek wrote:  
>I tried in vain to use the following URL also:  
><http://home.earthlink.net/%7Emwattcpa/antennas.html>.  
>  
>After much searching and trying, I found the correct URL to be:  
><http://home.earthlink.net/~mwattcpa/antennas.html>  
>  
>Shoulda been a tilde instead of a "%" and a "7", and no capital "E" in  
>mwattcpa.  
>  
>72,  
> /  
> Jerry L. Bartachek <><

-----  
Date: Fri, 24 Sep 1999 16:33:47 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [51220] Front End Saver  
Message-ID: <19990924.203127.2151.4.n4so@juno.com>

RF Limiter/Receiver Protector  
"Receiver protector limits input RF signal threshold at any frequency at .3VRMS to protect receiver front end from damage due to nearby transmitted fields."

4 models. BNC connectors, and chassis measures about 3 inches square, by 1.5 inches high with antenna Input and Receiver Output. Cost around \$36 to \$58 depending on the model.

Model 196, 197, 198, 199 Limitor only or Limiter with Lightning Arrestor, and for HF or VHF  
Industrial Communication Engineers, Ltd.  
POB 18495

Indianapolis, IN 46218

1 800-423-2666

Catalog has arrestors, low pass filters, much more...

Also free publications or printouts on lightning protection and other related subjects. Advertises in major ham magazines.

Ken Brown N4SO

Mobile, AL/EM50tk

NorCal-20/5 watts/4 ele. beam

---

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Fri, 24 Sep 1999 17:01:22 -0400

From: Russ Hines <radioruss@fuse.net>

To: n4so@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [51221] Re: Front End Saver

Message-ID: <37EBE6A2.A7C06742@fuse.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Charles:

Is this something OTHER than a resistor attenuator network and/or hanging a Zener on the receiver's RF input connector?

Thanks for the info.

73,

Russ

WB8ZCC

charles k brown wrote:

>

> RF Limiter/Receiver Protector



> "Receiver protector limits input RF signal threshold at any  
> frequency at .3VRMS to protect receiver front end from damage due to  
> nearby transmitted fields."  
> 4 models. BNC connectors, and chassis measures about  
> 3 inches square, by 1.5 inches high with antenna Input and Receiver  
> Output. Cost around \$36 to \$58 depending on the model.

-----  
Date: Fri, 24 Sep 1999 14:20:02 -0700 (PDT)  
From: Bill Rowlett <kc4atu@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [51222] EZ7ST - PIRATE  
Message-ID: <19990924212002.25054.rocketmail@web802.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Ok, all you DX hounds, as a worker for the ARRL  
incoming bureau, we just got a message from Newington  
that EZ7ST is a pirate. The Turkmenistan Amateyr Radio  
League is returning all cards sent to EZ7ST.

Hope no one here is waiting for a card.

73, Bill KC4ATU

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sat, 25 Sep 1999 07:20:47 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51223] Re: HF sig gen/ QRPP xmitter  
Message-ID: <37EBEB2F.BF8E54B5@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> Howdy,  
>  
> For some time, I've been working on developing a pretty good Signal  
> Generator to cover the HF bands that doesn't cost an arm and half a  
> leg.

Another one of my dream time projects! I'll follow this one with great interest.

> Opinons on which way to go are hereby  
> solicited and to get a feel for how much interest there is for a  
> project like this :-)

You might consider incorporating a step attenuator. Yes I know the obvious replies but I sometimes have a swiss army knife mentality

--  
73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Fri, 24 Sep 1999 17:21:10 -0400  
From: "S. M. Whitehouse" <ke4yh@gte.net>  
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51224] Re: HF sig gen/ QRPp xmitter  
Message-ID: <004701bf06d2\$bb0aa8c0\$642c6018@Stew.gte.net>

I would like to see a good basic sig gen that is stable and has accurate readout. Maybe a way to add a sawtooth and turn it into a sweep generator (I have a Maxim function generator chip I need to play with...you guys do take advantage of Maxim's free sample program; don't you?).

Stew KE4YH QRP-L #590  
Dunedin, Florida

Steve did I ever tell you about the time I was in ninth grade in Gorham and bought a .22 rifle from another kid? He brought it to school and it sat in the conner of our home room all day. Nobody gave it a second glance. Boy, different time, different place.

-----Original Message-----  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Friday, September 24, 1999 3:44 PM  
Subject: HF sig gen/ QRPp xmitter

Howdy,

For some time, I've been working on developing a pretty good Signal Generator to cover the HF bands that doesn't cost an arm and half a leg. At long last, I have something that's starting to have real promise.

-----  
Date: Fri, 24 Sep 1999 16:23:12 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: rmcconne@lightlink.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51225] Re: DCTL Antenna URL  
Message-ID: <37EBEBC0.D4FBF6F4@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Yeah, Jerry, I went to the URL directly from your posting and it worked fine, BUT, the period at the end was not perceived by my mail client as part of the URL and that is why it worked.

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Robert McConnell wrote:

>  
> Jerry,  
>  
> The escape sequence %7E is a tilde. But I noticed you also dropped  
> the period off the end. That is the most likely fix.  
>  
> Bob McConnell  
> N2SPP

-----

Date: Fri, 24 Sep 1999 17:31:51 EDT  
From: K2UD@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51226] EZ Hang  
Message-ID: <819d0034.251d47c7@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

For those who wish to build an EZ Hang, an article appeared in August 97 Monitoring Times Magazine, called "The Under-\$30 Antenna Launch & Hoist".

I built one for about \$18.00 using the parts specified. It works. Costs much less than \$49, eh?

It is basically an inexpensive Zebco reel mounted on a Marksman Slingshot. Other parts, the sinker, a short piece of rubber fuel line, and 2 small hose clamps. Easy.

GL to all who build this gem. Oh, don't stand under it!

72

Howard Kraus, K2UD

-----  
Date: Sat, 25 Sep 1999 07:33:55 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [51227] OT Thanks for Amiga help  
Message-ID: <37EBEE43.AF253D9B@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

A whole bunch of people (as usual) offered help on my graphics conversions problems (PC Win95 to Amiga). Thanks.

The fruits of my never say die research ultimately led me to PixWizard which certainly solved my particular problem. For those into graphics/web development or anything remotely similar, including slide shows and heavens knows what else, try:

PixWizard (shareware \$US30)

<http://www.pixvision.com>

I'm absolutely stoked by the results.

Tnx again and 73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

-----  
Date: Fri, 24 Sep 1999 16:37:52 -0500

From: "Randy Jouett" <[rules@bellsouth.net](mailto:rules@bellsouth.net)>

To: <[ccart@phideaux.com](mailto:ccart@phideaux.com)>, "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [51228] Re: Also in QST...

Message-ID: <046b01bf06d5\$32ae55f0\$46e498cd@spock>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Chris Cartwright Sr <[ccart@phideaux.com](mailto:ccart@phideaux.com)>

To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Date: Thursday, September 23, 1999 2:01 PM

Subject: Also in QST...

Hi Chris/Gang,

>Since Mr. Green was mentioned, did anyone else notice our own AB0CD "up  
>front", and the article by L.B, W4RNL? I haven't check, but I think there  
>has been at least one QRP-Ler in at least half of the issues over the past  
>two years. Quite a record from such a *small* group. Congrats guys.

Hmmm. I wonder if Mr. Green mentioned that the  
rectified tune circuit to power a QRP transmitter  
was "MY" idea in the article? This all came about  
when we were discussing a way to remove the

broadcast interference from my HW-8 a few months back. He does deserve credit for trying it out and bringing it to the forefront of reality -- without a doubt! -- but he should have at least mentioned that it was my idea and given credit where credit is due. Wondering if I'll post a brain storm or idea to QRP-L or e-mail ever again? NOT!

72/73,

----

Randy Jouett, AB5NI

-----

Date: Fri, 24 Sep 1999 17:42:10 EDT  
From: N10DL@aol.com  
To: qrp-l@lehigh.edu  
Subject: [51229] DSW-20  
Message-ID: <fe63c008.251d4a32@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Can someone direct me to a web page for this rig. I like the sound of this one for lmy traveling.

Aron

N10DL

Bedford, NH

FISTS#4110

QRP-L#1326

-----

Date: Fri, 24 Sep 1999 17:46:46 -0400  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [51230] FS: MFJ 9040  
Message-ID: <000901bf06d6\$4f3059c0\$ded7fea9@ggoodroe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale:

MFJ 9040 40 Meter QRP Transceiver

go to <http://www.mfjenterprises.com/transceivers/mfj9040.html> to check it out !

with - Keyer add on board and CW filter add on. Manual and box included.

\$155..

Thanks and 73 de KF4CPJ  
George Goodroe, QRP-L #1943  
St. Petersburg, Florida USA  
80 Meter high noise capital of the USA <grin>  
<http://home.att.net/~goodroe>  
<http://www.qsl.net/kf4cpj>

-----  
Date: Fri, 24 Sep 1999 17:55:01 EDT  
From: GE1am30092@aol.com  
To: N10DL@aol.com, qrp-1@lehigh.edu  
Subject: [51231] Re: DSW-20  
Message-ID: <32b18ae6.251d4d35@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 9/24/1999 2:44:00 PM US Mountain Standard Time,  
N10DL@aol.com writes:

<< Can someone direct me to a web page for this rig. I like the sound of this  
one for lmy traveling. >>

<http://www.smallwonderlabs.com/> and then click on the DSW Series button.

Cheers,  
Gerry  
PHX AZ

-----  
Date: Fri, 24 Sep 1999 15:00:49 -0700  
From: "Watson, Dan" <dan.watson@compaq.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [51232] OT: Need Help w/ GPS for Sailors  
Message-ID: <D74B58872489D111AAC200805FE68DB502E4BDE9@exccup-25008.mis.tandem.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi,

I apologize for this off-QRP topic, but there are few I'd rather ask for general technical advice than those in this group.

I am a relatively novice sailor (have completed Basic Keelboat and Basic Cruising, and begin Bareboat Cruising class soon). I am interested in purchasing a handheld GPS unit to take with me on an upcoming charter in Phuket, Thailand. I believe that the minimum requirement I have is that the unit be able to interface with a "wintel" laptop computer, so that I can take advantage of one of the available charting programs.

I would very much appreciate any recommendations any of you may have relative to what units are on the market now, and, especially if you are sailors, what do you believe the requirements are for a handheld unit in this application. Also, and if you have time, I'd appreciate recommendations on charting software.

Just what I needed is another expensive hobby!

Thanks for the bandwidth and for your help.

Best 73/72,

Dan  
AC6PI

-----  
Date: Fri, 24 Sep 1999 22:50:16 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [51233] Re: Fw: Re: DCTL ANTENNA  
Message-ID: <37edffd5.40325175@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Fri, 24 Sep 1999 09:20:46 -0700, william h ross <k6mgo@juno.com> =  
wrote:

>> Distributed Capacitance Twisted Loop. You can see the details at  
>> <http://home.earthlink.net/%7Emwattcpa/antennas.html>.

The %7E character should be the tilde character ~ typically located above=  
the  
upper left hand key on the keyboard.



Or, just type in the URL listed below ... I think it comes through OK.

--

Marty, N5NW

-----  
Memphis, Tennessee

=

<http://home.earthlink.net/~mwattcpa>  
-----

Date: Fri, 24 Sep 1999 22:54:07 GMT

From: mwattcpa@earthlink.net (Marty Watt)

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [51234] Re: DCTL Antenna URL

Message-ID: <37f000cb.40571120@mail.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

On Fri, 24 Sep 1999 16:29:03, Robert McConnell <rmcconne@lightlink.com> =  
wrote:

>Jerry,

>

>The escape sequence %7E is a tilde. But I noticed you also dropped

>the period off the end. That is the most likely fix.

Some mail readers convert the escape character to a tilde (mine does), =

but

some do not and convert directly to the text characters when sending to =

the

browser.

YMMV, methinks.

--

Marty, N5NW

-----  
Memphis, Tennessee

=

<http://home.earthlink.net/~mwattcpa>  
-----

End of QRP-L Digest 1588

*****

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